

## Chapter 01 - Whole Numbers

1. Any number, zero or greater, which does not contain a decimal or fraction is called a(n) \_\_\_\_\_.

*ANSWER:* whole number

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Remembering

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*DATE MODIFIED:* 3/5/2019 2:26 PM

2. To calculate approximately the amount or value of something is called \_\_\_\_\_.

*ANSWER:* estimating

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

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*DATE MODIFIED:* 3/5/2019 2:26 PM

3. An approximation of an exact number is called a(n) \_\_\_\_\_ number.

*ANSWER:* rounded

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

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*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

4. A process of rounding the number to the first digit is called \_\_\_\_\_.

*ANSWER:* rounding all the way

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Completion

## Chapter 01 - Whole Numbers

*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
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*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

5. Any of a set of numbers being added in an addition problem are called \_\_\_\_\_.

*ANSWER:* addends  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Remembering  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

6. The number being subtracted from an original number is called the \_\_\_\_\_.

*ANSWER:* subtrahend  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Remembering  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

7. In multiplication, the number being multiplied is called the \_\_\_\_\_.

*ANSWER:* multiplicand  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Remembering

## Chapter 01 - Whole Numbers

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

8. The answer or result of multiplication is called the \_\_\_\_\_.

*ANSWER:* product

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

9. In division, the number being divided is called the \_\_\_\_\_.

*ANSWER:* dividend

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

10. The quotient is the answer to a(n) \_\_\_\_\_ problem.

*ANSWER:* division

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

11. Identify the word form: 3107

- a. thirty thousand, one hundred seven

## Chapter 01 - Whole Numbers

- b. three hundred seven
- c. three hundred ten
- d. three thousand, one hundred seven

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
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*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

12. Identify the word form: 18311
- a. eighteen thousand, three hundred eleven
  - b. one hundred eleven
  - c. one thousand, eight hundred eleven
  - d. one thousand, eight hundred thirty-one

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

13. Identify the word form: 124945
- a. one hundred twenty-four thousand and nine hundred forty-five
  - b. one hundred twenty-four thousand, nine hundred forty-five
  - c. one hundred twenty-four thousand nine hundred and forty-five
  - d. one thousand twenty-four and nine hundred forty-five

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM

## Chapter 01 - Whole Numbers

*DATE MODIFIED:* 3/5/2019 2:26 PM

14. Round to the given place: 256,035 (thousands)

- a. 300,000
- b. 256,000
- c. 256,040
- d. 200,000

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

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*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

15. Round to the given place: 3,119,687 (hundred thousands)

- a. 3,120,000
- b. 3,000,000
- c. 3,119,700
- d. 3,100,000

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

16. Round to the given place: 9,596,809 (millions)

- a. 9,600,000
- b. 9,000,000
- c. 10,600,000
- d. 10,000,000

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

## Chapter 01 - Whole Numbers

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

17. Round to the given place: 340,413 (hundred thousands)

- a. 340,000
- b. 340,400
- c. 341,000
- d. 300,000

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

18. Round to the given place: 346,535 (ten thousands)

- a. 350,000
- b. 300,000
- c. 347,000
- d. 400,000

*ANSWER:* a

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

19. Rounding all the way is:

- a. usually not as accurate as rounding to a specific place value.
- b. always gives a new value that is higher than the original number.
- c. always gives a new value that is lower than the original number.
- d. not possible with some numbers.

*ANSWER:* a

## Chapter 01 - Whole Numbers

*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

20. Rounding to a specific place value:

- a. is usually more accurate than rounding all the way.
- b. always gives a new value that is higher than the original number.
- c. always gives a value that is lower than the original number.
- d. is usually less accurate than rounding all the way.

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Evaluating  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

21. Add the following numbers:  $813 + 1,078 + 1,204$

- a. 3,095
- b. 3,885
- c. 5,678
- d. 9,080

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
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*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

22. Add the following numbers:  $7,862 + 813 + 1,320 + 275$

- a. 10,160

## Chapter 01 - Whole Numbers

- b. 9,270
- c. 10,270
- d. 11,170

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

23. Total the following numbers: 712; 1,105; 3,209; 796.

- a. 5,110
- b. 5,822
- c. 5,026
- d. 4,417

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

24. Total the following numbers: 515; 7,104; 8,219; 96.

- a. 15,110
- b. 15,822
- c. 15,934
- d. 14,934

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM



## Chapter 01 - Whole Numbers

*DATE MODIFIED:* 3/5/2019 2:26 PM

25. Serena counts her calories over several days. What is her total caloric intake given these values: 1,405; 1,219; 1,119; 1,353.

- a. 3,977
- b. 5,096
- c. 3,943
- d. 5,095

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

26. If 14,530 tickets were originally available for a soccer game and 8,738 were sold, how many tickets remain?

- a. 23,268
- b. 14,530
- c. 5,792
- d. 8,738

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

27. The town that Imelda lives in increased in size from 17,791 to 33,608. What was the amount of the increase?

- a. 15,810
- b. 19,791
- c. 15,817
- d. 55,399

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

## Chapter 01 - Whole Numbers

*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

28. Arun had \$1,234.00 in his checking account. He wrote a check to his sister Debbie for \$492.00 to cover one month of baby sitting. After the check clears, how much money will Arun have in his checking account?

- a. \$1,326
- b. \$751
- c. \$742
- d. \$112

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

29. Last month was Valentine's Day and Martin's daily sales for roses totaled \$4,087. This month's sales are \$2,904. How much more did Martin's store earn during last month?

- a. \$2,704
- b. \$6,591
- c. \$1,591
- d. \$1,183

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
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*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

30. Multiply:  $2,608 \times 330$ .

- a. 860,640
- b. 86,064

## Chapter 01 - Whole Numbers

c. 858,000

d. 2,278

**ANSWER:** a

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

31. A factory produces 996 area rugs per week. How many area rugs does it produce in 32 weeks?

a. 31,680

b. 29,880

c. 31,872

d. 51,792

**ANSWER:** c

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

32. Multiply:  $3,449 \times 216$ .

a. 755,784

b. 744,984

c. 724,290

d. 680,000

**ANSWER:** b

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

## Chapter 01 - Whole Numbers

33. Multiply:  $2,513 \times 63$ .

- a. 150,000
- b. 150,780
- c. 157,500
- d. 158,319

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5

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*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

34. Leonard owns an auto dealership. This week he must order 61 new Ford Transits. If each Ford Transit costs Leonard \$8,532, how much is his total purchase?

- a. \$299,952
- b. \$132.25
- c. \$520,452
- d. \$254,832

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

35. Benny's Warehouse, a large manufacturing company, has 977 employees on its payroll. Last year Mr. Benny spent \$4,117 per employee on additional benefits. What was the total cost to Mr. Benny for the additional employee benefits?

- a. \$3,056,331
- b. \$4,022,309
- c. \$5,788,454
- d. \$4,019,580

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

## Chapter 01 - Whole Numbers

*HAS VARIABLES:* False  
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*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

36. Divide 945 by 14.

- a. 67 R 7
- b. 68 R 7
- c. 67 R 1
- d. 70

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

37. Divide the following number:  $33 \overline{)1650}$

- a. 50
- b. .02
- c. 54
- d. 49 R 32

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

38. Divide the following number:  $14 \overline{)638}$

- a. 55
- b. 45 R 8
- c. 46

## Chapter 01 - Whole Numbers

d. 38

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

39. Divide 828 by 12.

- a. .01
- b. 68 R7
- c. 69
- d. 70

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

40. A certain truck covered 7,605 miles in 15 days. What is the average number of miles traveled per day?

- a. 550
- b. 506
- c. 507
- d. 508

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
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*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

## Chapter 01 - Whole Numbers

41. Roger's lawn care service agreed to haul the following material to a certain home. The driver delivered 17 tons of rock on Monday, 15 tons of rock on Tuesday, 12 tons of rock on Wednesday, 8 tons of rock on Thursday, and 13 tons of rock on Friday. What was the total weight of rock delivered for the week?

- a. 43
- b. 54
- c. 72
- d. 65

**ANSWER:** d

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

42. After returning from a fishing trip, Roberto weighed his catch. The catfish weighed 23 pounds, the perch weighed 19 pounds, and the walleye weighed 27 pounds. What was the total weight of his catch?

- a. 59
- b. 69
- c. 57
- d. 74

**ANSWER:** b

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

43. Eugene noticed that his inventory decreased from 815 units of stock to 417 units of stock. How many units of stock did his inventory decrease?

- a. 407
- b. 418
- c. 398
- d. 498

**ANSWER:** c

**POINTS:** 1

**DIFFICULTY:** Easy

## Chapter 01 - Whole Numbers

*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

44. Kailash purchased 41 tires for his fleet at a cost of \$75 per tire. What was the total cost of his purchase?
- a. \$3,075
  - b. \$3,705
  - c. \$307
  - d. \$3,507

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

45. A certain employer distributed 2 pairs of safety shoes to each of its workers. A total of 106 pairs of shoes were passed out to its employees. How many employees work for this company?
- a. 53
  - b. 106
  - c. 63
  - d. 61

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

46. Alana agreed to purchase a vehicle with the following terms. She will make a \$3,000 down payment on a car costing \$15,000. Assuming no interest, how much would she pay per month if she financed this vehicle over 24 months?
- a. \$1,000



## Chapter 01 - Whole Numbers

- b. \$500
- c. \$250
- d. \$625

**ANSWER:** b  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.6 - LO: 1-6  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

47. Write the whole number in numerical and word form: 3549211

**ANSWER:** 3,549,211; three million, five hundred forty-nine thousand, two hundred eleven  
**POINTS:** 1  
**DIFFICULTY:** Challenging  
**QUESTION TYPE:** Subjective Short Answer  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

48. Write the whole number in numerical and word form: 189215

**ANSWER:** 189,215; one hundred eighty-nine thousand, two hundred fifteen  
**POINTS:** 1  
**DIFFICULTY:** Challenging  
**QUESTION TYPE:** Subjective Short Answer  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

49. Write the whole number in numerical and word form: 7522

**ANSWER:** 7,522; seven thousand, five hundred twenty-two  
**POINTS:** 1

## Chapter 01 - Whole Numbers

*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

50. Write the whole number in numerical and word form: 5009

*ANSWER:* 5,009; five thousand, nine  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

51. Write the whole number in numerical and word form: 980312

*ANSWER:* 980,312; nine hundred eighty thousand, three hundred twelve  
*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

52. Write the whole number in numerical form: Five hundred fifteen thousand, one

*ANSWER:* 515,001  
*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

## Chapter 01 - Whole Numbers

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

53. Write the whole number in numerical form: One billion, one million, one thousand, twenty-two

*ANSWER:* 1,001,001,022

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

54. Write the whole number in numerical form: Sixty-five million, two hundred six

*ANSWER:* 65,000,206

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

55. Write the whole number in numerical form: Seven hundred fourteen thousand, four

*ANSWER:* 714,004

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

## Chapter 01 - Whole Numbers

56. Round the number to the indicated place: 56,212 to tens

*ANSWER:* 56,210

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

57. Round the number to the indicated place: 180,678 to hundreds

*ANSWER:* 180,700

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

58. Round the number to the indicated place: 519,999 to thousands

*ANSWER:* 520,000

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

59. Round the number to the indicated place: 509,962,015 to hundred thousands

*ANSWER:* 510,000,000

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Subjective Short Answer

## Chapter 01 - Whole Numbers

*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

60. Round the number to the indicated place: 18,796,538 to ten millions

*ANSWER:* 20,000,000  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

61. Round the number to the indicated place: 4,652 all the way

*ANSWER:* 5,000  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

62. Approximate the exact number by rounding to an easier number to use: 65,819 gallons of fuel

*ANSWER:* Answers may vary.  
66,000 gallons of fuel  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

## Chapter 01 - Whole Numbers

**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

63. Approximate the exact number by rounding to an easier number to use: 8,592 employees

**ANSWER:** Answers may vary.  
8,600 employees

**POINTS:** 1

**DIFFICULTY:** Moderate

**QUESTION TYPE:** Subjective Short Answer

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.2 - LO: 1-2

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

64. Approximate the exact number by rounding to an easier number to use: 99,889 items in inventory

**ANSWER:** Answers may vary.  
100,000 items in inventory

**POINTS:** 1

**DIFFICULTY:** Moderate

**QUESTION TYPE:** Subjective Short Answer

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.2 - LO: 1-2

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

65.  $1,212 + 19 + 69 =$

**ANSWER:** 1,300

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Subjective Short Answer

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/5/2019 2:26 PM

**DATE MODIFIED:** 3/5/2019 2:26 PM

## Chapter 01 - Whole Numbers

$$\begin{array}{r} 1,419 \\ 315 \\ 66. 2,412 \\ + 124 \\ \hline \end{array}$$

**ANSWER:** 4,270  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Subjective Short Answer  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

$$\begin{array}{r} 816 \\ 335 \\ 67. 28 \\ + 116 \\ \hline \end{array}$$

**ANSWER:** 1,295  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Subjective Short Answer  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

$$\begin{array}{r} 3,618 \\ 212 \\ 68. 4,973 \\ + 23 \\ \hline \end{array}$$

**ANSWER:** 8,826  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Subjective Short Answer  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying

## Chapter 01 - Whole Numbers

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

69.  $1,826 - 229 =$

*ANSWER:* 1,597

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

$$\begin{array}{r} 18,010 \\ 70. - 9,516 \\ \hline \end{array}$$

*ANSWER:* 8,494

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

$$\begin{array}{r} 126,000 \\ 71. - 34,962 \\ \hline \end{array}$$

*ANSWER:* 91,038

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM



## Chapter 01 - Whole Numbers

$$72. \begin{array}{r} 5,000,922 \\ - \quad 88,936 \\ \hline \end{array}$$

*ANSWER:* 4,911,986  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

$$73. \begin{array}{r} 1,018 \\ \times 567 \\ \hline \end{array}$$

*ANSWER:* 577,206  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

$$74. \begin{array}{r} 8,968 \\ \times 245 \\ \hline \end{array}$$

*ANSWER:* 2,197,160  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

$$75. \begin{array}{r} 332,000 \\ \times 6,000 \\ \hline \end{array}$$

## Chapter 01 - Whole Numbers

*ANSWER:* 1,992,000,000  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

$$76. \overline{86} \overline{)92622}$$

*ANSWER:* 1,077  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

$$77. \overline{1600} \overline{)54400}$$

*ANSWER:* 34  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

78. Divide 5975 by 25.

*ANSWER:* 239  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer

## Chapter 01 - Whole Numbers

*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

79. Divide 4009 by 32.

*ANSWER:* 125 R 9  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

80.  $\frac{845}{86}$

*ANSWER:* 9 R 71  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

81.  $\frac{18520}{210}$

*ANSWER:* 88 R 40  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

## Chapter 01 - Whole Numbers

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

82. Thunder Company employs 114 employees in its materials department, 441 employees in its assembly plant, and 130 in the finishing plant. There are also 63 office employees, 8 security guards, 117 salespeople, and 8 executives. How many people work for this company?

*ANSWER:* 881 people

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

83. Jason works in the purchasing department of a company. He is filling out an order form for 112,545 safety goggles. The order form requires that Jason write out the number of goggles in word form. What should Jason write on the order form?

*ANSWER:* one hundred twelve thousand, five hundred forty-five

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

84. In one year, a fleet of trucks used 558,709 gallons of fuel. A report to the Vice President requires that this number be rounded to the hundreds. What should be reported to the Vice President as the total gallons of fuel used last year?

*ANSWER:* 558,700

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

## Chapter 01 - Whole Numbers

**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

85. A newsstand sold 318 papers on Monday, 389 papers on Tuesday, 406 papers on Wednesday, 347 papers on Thursday, 515 on Friday, and 1,812 papers on the weekend. How many papers were sold during the entire week?

**ANSWER:** 3,787 papers  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

86. Bob & Company pays its sales staff \$445 per month, plus commissions. Last month, Kim Haines earned commissions of \$329, \$218, \$456, \$197, and \$482. What was Kim's total income for the month?

**ANSWER:** \$2,127  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

87. A service station's record of gallons of gasoline sold per day over a 4 day period produced the figures below. What was the total number of gallons sold?

131; 1,897; 931; 1,722  
**ANSWER:** 4,681  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying

## Chapter 01 - Whole Numbers

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

88. Jacques Millard earned \$544 for the week. Deducted amount from his paycheck was: \$92 for income taxes, \$72 for social security, \$25 for union dues, and \$87 for other miscellaneous items. What was the amount of his paycheck?

*ANSWER:* \$268

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

89. Boyd had \$286 in his wallet this morning. During the day, he spent \$6 for breakfast, \$23 for a jacket, and \$30 for a concert ticket. How much money did Boyd have left?

*ANSWER:* \$227

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

90. Dorian Vincent earned \$923 for the week. Deducted from his paycheck was: \$115 for income taxes, \$82 for social security, \$15 for union dues, and \$67 for other miscellaneous items. What was the amount of his paycheck?

*ANSWER:* \$644

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

## Chapter 01 - Whole Numbers

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

91. A plumber starts the day having 1,250 feet of copper tubing on his truck. During the morning he uses pieces 123, 86, 215, and 396 feet long. At lunch he goes to a plumbing supply house and buys another 850 feet of tubing. During the afternoon he uses pieces of 513, 426, and 92 feet of tubing. How many feet of copper tubing are still on the truck at the end of the day?

*ANSWER:* 249 feet

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4

DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

92. Edna Boyd makes \$6.50 per hour. How much does Edna earn in a 32-hour week?

*ANSWER:* \$208

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

93. A basketball team sold 8,212 first tier seat tickets at \$19 each, 11,182 second tier seat tickets at \$15 each, and 3,920 upper tier tickets at \$12 each. What was the total dollar amount of the ticket sales?

*ANSWER:* \$370,798

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

## Chapter 01 - Whole Numbers

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

94. Roy Landers bought 3,000 shares of stock for \$59 per share. Six months later he sold the 3,000 shares of stock for \$75 per share. If the stockbroker's commission was \$975, how much profit did Roy make on the transaction?

*ANSWER:* \$47,025

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4

DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

95. The Zion Company can produce 90 appliances in an 8-hour shift. The plant operates continuously—3 shifts per day, 5 days per week. How many appliances can be produced in 5 weeks?

*ANSWER:* 6,750 appliances

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

96. A machine uses 12 circuit boards, each containing 326 parts. A company has 615,828 parts in stock.

a. How many machines can it manufacture?

b. How many parts will be left?

*ANSWER:* a. 157 machines  
b. 1,644 parts left

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4

DESC.BREC.17.1.6 - LO: 1-6



## Chapter 01 - Whole Numbers

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

97. City National charges \$11,144 interest on a loan of \$28,600. What equal monthly payments must be made in order to pay back the loan plus interest in 36 months?

*ANSWER:* \$1,104

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

98. A 2,300 acre farm was sold for \$963,500. If the house and equipment are worth \$188,400 and the land represents the balance, what was the price paid per acre for the land?

*ANSWER:* \$337

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

99. A flatbed railroad car weighs 175 tons empty, and 527 tons loaded with 22 trailers. How many tons does each trailer weigh?

*ANSWER:* 16 tons

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.6 - LO: 1-6

## Chapter 01 - Whole Numbers

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

100. Last month, Jim Grimshaw harvested 325 bushels of tomatoes, 218 bushels of carrots, and 560 bushels of cucumbers. He sold the entire harvest to Produce, Inc. The tomatoes brought \$4 per bushel; the carrots, \$3 per bushel; and the cucumbers, \$2 per bushel. If Jim's expenses amounted to \$989, how much was his profit?

*ANSWER:* \$2,085

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

DESC.BREC.17.1.4 - LO: 1-4

DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

101. You are hosting a reception. The meal will cost \$22 per person; entertainment will cost \$1,500; facility rental is \$750; invitations and decoration costs are \$1,230; and other expenses amount to \$930.

a. Calculate the cost if 210 guests plan to attend.

b. What is the cost per guest?

*ANSWER:* a. \$9,030

b. \$43

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* LO: 1-3, LO: 1-5, LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

102. Accu-Temp charges \$19 per hour for accounting employees. These employees are paid \$11 per hour. If Accu-Temp has 25 accounting employees, each working a 32-hour week, how much profit did the company make last week?

*ANSWER:* \$6,400

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Essay

## Chapter 01 - Whole Numbers

*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

103. The O'Brien Company purchased a new building for \$185,500. After a down payment of \$38,800, the balance was paid in equal monthly payments, with no interest.

- If the loan was paid off in 3 years, how much were the monthly payments?
- If the loan was paid off in 5 years, how much less were the monthly payments?

*ANSWER:* a. \$4,075  
b. \$1,630

*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

104. A contestant agreed to split her prize money equally with her family. There are 11 members in her family, including the contestant. If she won \$275,000, how much money will each family member receive?

*ANSWER:* \$25,000  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

105. Lona's catering service figured that each party member would use the following items per person; 3 cups, 5 napkins, 4 forks, 2 knives and 3 spoons. If Lona is catering a party for 150 people, how many total items will she need to supply the party?

## Chapter 01 - Whole Numbers

**ANSWER:** 2,550 items  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

106. A system using the ten Hindu-Arabic symbols 0 - 9 is called a binary number system.

- a. True
- b. False

**ANSWER:** False  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Remembering  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

107. A dot written in a decimal number is called a decimal point.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Remembering  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

108. Whole numbers, also called integers, are found to the left of the decimal point.

## Chapter 01 - Whole Numbers

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

109. In the following number:

1,548,932

The 8 is in the hundreds place.

- a. True
- b. False

**ANSWER:** False  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

110. In the following number:

1,548,932

The 5 is in the hundred thousands place.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology

## Chapter 01 - Whole Numbers

**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

111. The addends are 745, 923, and 245.

The sum of the problem is 1,913.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

112. The minuend is 3,415.

The subtrahend is 742.

The quotient is 2,673.

- a. True
- b. False

**ANSWER:** False  
**POINTS:** 1  
**DIFFICULTY:** Challenging  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

113. The multiplicand is 519.

The multiplier is 45.

The product is 23,355.

- a. True
- b. False

**ANSWER:** True

## Chapter 01 - Whole Numbers

*POINTS:* 1  
*DIFFICULTY:* Challenging  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

114. The dividend is 2,925.

The divisor is 45.

The subtrahend is 65.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Challenging  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

115. If the divisor does not evenly divide into the dividend, the quotient will have a remainder.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Remembering  
*DATE CREATED:* 3/5/2019 2:26 PM  
*DATE MODIFIED:* 3/5/2019 2:26 PM

## Chapter 01 - Whole Numbers

116. The sum of the number 12,45,87,42, and 36 is 222.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

117. Shawn's potato crop produced 525 pounds of potatoes. He took them to the farmer's market , where he made sales of 35 pounds, 48 pounds, 112 pounds, and 28 pounds. The remaining potatoes were bought by a restaurant supplier. The supplier bought 748 pounds of potatoes.

- a. True
- b. False

**ANSWER:** False  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/5/2019 2:26 PM  
**DATE MODIFIED:** 3/5/2019 2:26 PM

118. Mei produced 318 hand-made vases this year. She sold all but 26 of them. That means that Mei sold 292 vases.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Applying



## Chapter 01 - Whole Numbers

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

119. Raegan decided to save up to buy a car. After 48 weeks, she saved \$2,160. That means that Raegan was saving \$112 per week to reach her goal.

a. True

b. False

*ANSWER:* False

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* New jph

*QUESTION TYPE:* True / False

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

120. The number 1,975,512 has been rounded all the way. The result is 1,900,000.

a. True

b. False

*ANSWER:* False

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* New jph

*QUESTION TYPE:* True / False

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/5/2019 2:26 PM

*DATE MODIFIED:* 3/5/2019 2:26 PM

121. Any number, zero or greater, which does not contain a decimal or fraction is called a(n) \_\_\_\_\_.

*ANSWER:* whole number

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

## Chapter 01 - Whole Numbers

*KEYWORDS:* Bloom's: Remembering  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

122. To calculate approximately the amount or value of something is called \_\_\_\_\_.

*ANSWER:* estimating  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Remembering  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

123. An approximation of an exact number is called a(n) \_\_\_\_\_ number.

*ANSWER:* rounded  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Remembering  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

124. A process of rounding the number to the first digit is called \_\_\_\_\_.

*ANSWER:* rounding all the way  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Remembering  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

125. Any of a set of numbers being added in an addition problem are called \_\_\_\_\_.

## Chapter 01 - Whole Numbers

**ANSWER:** addends  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Completion  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Remembering  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

126. The number being subtracted from an original number is called the \_\_\_\_\_.

**ANSWER:** subtrahend  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Completion  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Remembering  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

127. In multiplication, the number being multiplied is called the \_\_\_\_\_.

**ANSWER:** multiplicand  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Completion  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Remembering  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

128. The answer or result of multiplication is called the \_\_\_\_\_.

**ANSWER:** product  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Completion  
**HAS VARIABLES:** False

## Chapter 01 - Whole Numbers

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

129. In division, the number being divided is called the \_\_\_\_\_.

*ANSWER:* dividend

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

130. The quotient is the answer to a(n) \_\_\_\_\_ problem.

*ANSWER:* division

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

131. Identify the word form: 3107

- a. thirty thousand, one hundred seven
- b. three hundred seven
- c. three hundred ten
- d. three thousand, one hundred seven

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

## Chapter 01 - Whole Numbers

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

132. Identify the word form: 18311

- a. eighteen thousand, three hundred eleven
- b. one hundred eleven
- c. one thousand, eight hundred eleven
- d. one thousand, eight hundred thirty-one

*ANSWER:* a

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

133. Identify the word form: 124945

- a. one hundred twenty-four thousand and nine hundred forty-five
- b. one hundred twenty-four thousand, nine hundred forty-five
- c. one hundred twenty-four thousand nine hundred and forty-five
- d. one thousand twenty-four and nine hundred forty-five

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

134. Round to the given place: 256,035 (thousands)

- a. 300,000
- b. 256,000
- c. 256,040
- d. 200,000

*ANSWER:* b

*POINTS:* 1

## Chapter 01 - Whole Numbers

*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

135. Round to the given place: 3,119,687 (hundred thousands)

- a. 3,120,000
- b. 3,000,000
- c. 3,119,700
- d. 3,100,000

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

136. Round to the given place: 9,596,809 (millions)

- a. 9,600,000
- b. 9,000,000
- c. 10,600,000
- d. 10,000,000

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

137. Round to the given place: 340,413 (hundred thousands)

- a. 340,000
- b. 340,400

## Chapter 01 - Whole Numbers

- c. 341,000
- d. 300,000

**ANSWER:** d  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.2 - LO: 1-2  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

138. Round to the given place: 346,535 (ten thousands)

- a. 350,000
- b. 300,000
- c. 347,000
- d. 400,000

**ANSWER:** a  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.2 - LO: 1-2  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

139. Rounding all the way is:

- a. usually not as accurate as rounding to a specific place value.
- b. always gives a new value that is higher than the original number.
- c. always gives a new value that is lower than the original number.
- d. not possible with some numbers.

**ANSWER:** a  
**POINTS:** 1  
**DIFFICULTY:** Challenging  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.2 - LO: 1-2  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

## Chapter 01 - Whole Numbers

140. Rounding to a specific place value:

- a. is usually more accurate than rounding all the way.
- b. always gives a new value that is higher than the original number.
- c. always gives a value that is lower than the original number.
- d. is usually less accurate than rounding all the way.

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Evaluating  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

141. Add the following numbers:  $813 + 1,078 + 1,204$

- a. 3,095
- b. 3,885
- c. 5,678
- d. 9,080

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

142. Add the following numbers:  $7,862 + 813 + 1,320 + 275$

- a. 10,160
- b. 9,270
- c. 10,270
- d. 11,170

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3



## Chapter 01 - Whole Numbers

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

143. Total the following numbers: 712; 1,105; 3,209; 796.

- a. 5,110
- b. 5,822
- c. 5,026
- d. 4,417

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

144. Total the following numbers: 515; 7,104; 8,219; 96.

- a. 15,110
- b. 15,822
- c. 15,934
- d. 14,934

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

145. Serena counts her calories over several days. What is her total caloric intake given these values: 1,405; 1,219; 1,119; 1,353.

- a. 3,977
- b. 5,096
- c. 3,943
- d. 5,095

*ANSWER:* b

## Chapter 01 - Whole Numbers

*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

146. If 14,530 tickets were originally available for a soccer game and 8,738 were sold, how many tickets remain?
- a. 23,268
  - b. 14,530
  - c. 5,792
  - d. 8,738

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

147. The town that Imelda lives in increased in size from 17,791 to 33,608. What was the amount of the increase?
- a. 15,810
  - b. 19,791
  - c. 15,817
  - d. 55,399

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

148. Arun had \$1,234.00 in his checking account. He wrote a check to his sister Debbie for \$492.00 to cover one month of baby sitting. After the check clears, how much money will Arun have in his checking account?

## Chapter 01 - Whole Numbers

- a. \$1,326
- b. \$751
- c. \$742
- d. \$112

**ANSWER:** c  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

149. Last month was Valentine's Day and Martin's daily sales for roses totaled \$4,087. This month's sales are \$2,904. How much more did Martin's store earn during last month?

- a. \$2,704
- b. \$6,591
- c. \$1,591
- d. \$1,183

**ANSWER:** d  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

150. Multiply:  $2,608 \times 330$ .

- a. 860,640
- b. 86,064
- c. 858,000
- d. 2,278

**ANSWER:** a  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

## Chapter 01 - Whole Numbers

**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

151. A factory produces 996 area rugs per week. How many area rugs does it produce in 32 weeks?

- a. 31,680
- b. 29,880
- c. 31,872
- d. 51,792

**ANSWER:** c  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

152. Multiply:  $3,449 \times 216$ .

- a. 755,784
- b. 744,984
- c. 724,290
- d. 680,000

**ANSWER:** b  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

153. Multiply:  $2,513 \times 63$ .

- a. 150,000
- b. 150,780
- c. 157,500
- d. 158,319

**ANSWER:** d  
**POINTS:** 1  
**DIFFICULTY:** Easy

## Chapter 01 - Whole Numbers

*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

154. Leonard owns an auto dealership. This week he must order 61 new Ford Transits. If each Ford Transit costs Leonard \$8,532, how much is his total purchase?

- a. \$299,952
- b. \$132.25
- c. \$520,452
- d. \$254,832

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

155. Benny's Warehouse, a large manufacturing company, has 977 employees on its payroll. Last year Mr. Benny spent \$4,117 per employee on additional benefits. What was the total cost to Mr. Benny for the additional employee benefits?

- a. \$3,056,331
- b. \$4,022,309
- c. \$5,788,454
- d. \$4,019,580

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

156. Divide 945 by 14.

- a. 67 R 7

## Chapter 01 - Whole Numbers

- b. 68 R 7
- c. 67 R 1
- d. 70

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

157. Divide the following number:  $33 \overline{)1650}$

- a. 50
- b. .02
- c. 54
- d. 49 R 32

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

158. Divide the following number:  $14 \overline{)638}$

- a. 55
- b. 45 R 8
- c. 46
- d. 38

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

## Chapter 01 - Whole Numbers

*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

159. Divide 828 by 12.

- a. .01
- b. 68 R7
- c. 69
- d. 70

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

160. A certain truck covered 7,605 miles in 15 days. What is the average number of miles traveled per day?

- a. 550
- b. 506
- c. 507
- d. 508

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

161. Roger's lawn care service agreed to haul the following material to a certain home. The driver delivered 17 tons of rock on Monday, 15 tons of rock on Tuesday, 12 tons of rock on Wednesday, 8 tons of rock on Thursday, and 13 tons of rock on Friday. What was the total weight of rock delivered for the week?

- a. 43
- b. 54
- c. 72
- d. 65

*ANSWER:* d

## Chapter 01 - Whole Numbers

*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

162. After returning from a fishing trip, Roberto weighed his catch. The catfish weighed 23 pounds, the perch weighed 19 pounds, and the walleye weighed 27 pounds. What was the total weight of his catch?

- a. 59
- b. 69
- c. 57
- d. 74

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

163. Eugene noticed that his inventory decreased from 815 units of stock to 417 units of stock. How many units of stock did his inventory decrease?

- a. 407
- b. 418
- c. 398
- d. 498

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM



## Chapter 01 - Whole Numbers

164. Kailash purchased 41 tires for his fleet at a cost of \$75 per tire. What was the total cost of his purchase?

- a. \$3,075
- b. \$3,705
- c. \$307
- d. \$3,507

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

165. A certain employer distributed 2 pairs of safety shoes to each of its workers. A total of 106 pairs of shoes were passed out to its employees. How many employees work for this company?

- a. 53
- b. 106
- c. 63
- d. 61

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

166. Alana agreed to purchase a vehicle with the following terms. She will make a \$3,000 down payment on a car costing \$15,000. Assuming no interest, how much would she pay per month if she financed this vehicle over 24 months?

- a. \$1,000
- b. \$500
- c. \$250
- d. \$625

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False

## Chapter 01 - Whole Numbers

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

167. Write the whole number in numerical and word form: 3549211

*ANSWER:* 3,549,211; three million, five hundred forty-nine thousand, two hundred eleven

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

168. Write the whole number in numerical and word form: 189215

*ANSWER:* 189,215; one hundred eighty-nine thousand, two hundred fifteen

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

169. Write the whole number in numerical and word form: 7522

*ANSWER:* 7,522; seven thousand, five hundred twenty-two

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

## Chapter 01 - Whole Numbers

*DATE MODIFIED:* 3/13/2019 3:22 PM

170. Write the whole number in numerical and word form: 5009

*ANSWER:* 5,009; five thousand, nine

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

171. Write the whole number in numerical and word form: 980312

*ANSWER:* 980,312; nine hundred eighty thousand, three hundred twelve

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

172. Write the whole number in numerical form: Five hundred fifteen thousand, one

*ANSWER:* 515,001

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

173. Write the whole number in numerical form: One billion, one million, one thousand, twenty-two

*ANSWER:* 1,001,001,022

*POINTS:* 1

## Chapter 01 - Whole Numbers

*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

174. Write the whole number in numerical form: Sixty-five million, two hundred six

*ANSWER:* 65,000,206  
*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

175. Write the whole number in numerical form: Seven hundred fourteen thousand, four

*ANSWER:* 714,004  
*POINTS:* 1  
*DIFFICULTY:* Challenging  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

176. Round the number to the indicated place: 56,212 to tens

*ANSWER:* 56,210  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

## Chapter 01 - Whole Numbers

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

177. Round the number to the indicated place: 180,678 to hundreds

*ANSWER:* 180,700

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

178. Round the number to the indicated place: 519,999 to thousands

*ANSWER:* 520,000

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

179. Round the number to the indicated place: 509,962,015 to hundred thousands

*ANSWER:* 510,000,000

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

## Chapter 01 - Whole Numbers

180. Round the number to the indicated place: 18,796,538 to ten millions

*ANSWER:* 20,000,000  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

181. Round the number to the indicated place: 4,652 all the way

*ANSWER:* 5,000  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

182. Approximate the exact number by rounding to an easier number to use: 65,819 gallons of fuel

*ANSWER:* Answers may vary.  
66,000 gallons of fuel  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

183. Approximate the exact number by rounding to an easier number to use: 8,592 employees

*ANSWER:* Answers may vary.  
8,600 employees  
*POINTS:* 1

## Chapter 01 - Whole Numbers

*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

184. Approximate the exact number by rounding to an easier number to use: 99,889 items in inventory

*ANSWER:* Answers may vary.  
100,000 items in inventory  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

185.  $1,212 + 19 + 69 =$

*ANSWER:* 1,300  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

1,419  
315  
186.  $2,412$   
 $+ 124$

*ANSWER:* 4,270  
*POINTS:* 1  
*DIFFICULTY:* Easy

## Chapter 01 - Whole Numbers

*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$\begin{array}{r} 816 \\ 335 \\ 187. \quad 28 \\ \hline +116 \end{array}$$

*ANSWER:* 1,295  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$\begin{array}{r} 3,618 \\ 212 \\ 188. \quad 4,973 \\ \hline + 23 \end{array}$$

*ANSWER:* 8,826  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

189.  $1,826 - 229 =$

*ANSWER:* 1,597  
*POINTS:* 1



## Chapter 01 - Whole Numbers

*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$\begin{array}{r} 18,010 \\ 190. - \underline{9,516} \end{array}$$

*ANSWER:* 8,494  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$\begin{array}{r} 126,000 \\ 191. - \underline{34,962} \end{array}$$

*ANSWER:* 91,038  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$\begin{array}{r} 5,000,922 \\ 192. - \underline{88,936} \end{array}$$

*ANSWER:* 4,911,986  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer

## Chapter 01 - Whole Numbers

*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$193. \begin{array}{r} 1,018 \\ \times 567 \\ \hline \end{array}$$

*ANSWER:* 577,206  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$194. \begin{array}{r} 8,968 \\ \times 245 \\ \hline \end{array}$$

*ANSWER:* 2,197,160  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

$$195. \begin{array}{r} 332,000 \\ \times 6,000 \\ \hline \end{array}$$

*ANSWER:* 1,992,000,000  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Subjective Short Answer  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic

## Chapter 01 - Whole Numbers

*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

$$196.86 \overline{) 92622}$$

*ANSWER:* 1,077

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

$$197.1600 \overline{) 54400}$$

*ANSWER:* 34

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

198. Divide 5975 by 25.

*ANSWER:* 239

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

## Chapter 01 - Whole Numbers

*DATE MODIFIED:* 3/13/2019 3:22 PM

199. Divide 4009 by 32.

*ANSWER:* 125 R 9

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

200.  $\frac{845}{86}$

*ANSWER:* 9 R 71

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

201.  $\frac{18520}{210}$

*ANSWER:* 88 R 40

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Subjective Short Answer

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

202. Thunder Company employs 114 employees in its materials department, 441 employees in its assembly plant, and 130 in the finishing plant. There are also 63 office employees, 8 security guards, 117 salespeople, and 8 executives. How

## Chapter 01 - Whole Numbers

many people work for this company?

**ANSWER:** 881 people

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Essay

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

203. Jason works in the purchasing department of a company. He is filling out an order form for 112,545 safety goggles. The order form requires that Jason write out the number of goggles in word form. What should Jason write on the order form?

**ANSWER:** one hundred twelve thousand, five hundred forty-five

**POINTS:** 1

**DIFFICULTY:** Moderate

**QUESTION TYPE:** Essay

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.1 - LO: 1-1

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

204. In one year, a fleet of trucks used 558,709 gallons of fuel. A report to the Vice President requires that this number be rounded to the hundreds. What should be reported to the Vice President as the total gallons of fuel used last year?

**ANSWER:** 558,700

**POINTS:** 1

**DIFFICULTY:** Easy

**QUESTION TYPE:** Essay

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.2 - LO: 1-2

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

205. A newsstand sold 318 papers on Monday, 389 papers on Tuesday, 406 papers on Wednesday, 347 papers on Thursday, 515 on Friday, and 1,812 papers on the weekend. How many papers were sold during the entire week?

**ANSWER:** 3,787 papers

## Chapter 01 - Whole Numbers

*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

206. Bob & Company pays its sales staff \$445 per month, plus commissions. Last month, Kim Haines earned commissions of \$329, \$218, \$456, \$197, and \$482. What was Kim's total income for the month?

*ANSWER:* \$2,127  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

207. A service station's record of gallons of gasoline sold per day over a 4 day period produced the figures below. What was the total number of gallons sold?

131; 1,897; 931; 1,722  
*ANSWER:* 4,681  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

208. Jacques Millard earned \$544 for the week. Deducted amount from his paycheck was: \$92 for income taxes, \$72 for social security, \$25 for union dues, and \$87 for other miscellaneous items. What was the amount of his paycheck?

*ANSWER:* \$268  
*POINTS:* 1

## Chapter 01 - Whole Numbers

**DIFFICULTY:** Easy  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

209. Boyd had \$286 in his wallet this morning. During the day, he spent \$6 for breakfast, \$23 for a jacket, and \$30 for a concert ticket. How much money did Boyd have left?

**ANSWER:** \$227  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

210. Dorian Vincent earned \$923 for the week. Deducted from his paycheck was: \$115 for income taxes, \$82 for social security, \$15 for union dues, and \$67 for other miscellaneous items. What was the amount of his paycheck?

**ANSWER:** \$644  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

211. A plumber starts the day having 1,250 feet of copper tubing on his truck. During the morning he uses pieces 123, 86, 215, and 396 feet long. At lunch he goes to a plumbing supply house and buys another 850 feet of tubing. During the afternoon he uses pieces of 513, 426, and 92 feet of tubing. How many feet of copper tubing are still on the truck at the end of the day?

## Chapter 01 - Whole Numbers

*ANSWER:* 249 feet  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

212. Edna Boyd makes \$6.50 per hour. How much does Edna earn in a 32-hour week?

*ANSWER:* \$208  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

213. A basketball team sold 8,212 first tier seat tickets at \$19 each, 11,182 second tier seat tickets at \$15 each, and 3,920 upper tier tickets at \$12 each. What was the total dollar amount of the ticket sales?

*ANSWER:* \$370,798  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*STUDENT ENTRY MODE:* Basic  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
DESC.BREC.17.1.5 - LO: 1-5  
*NATIONAL STANDARDS:* United States - BUSPROG: Analytic  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

214. Roy Landers bought 3,000 shares of stock for \$59 per share. Six months later he sold the 3,000 shares of stock for \$75 per share. If the stockbroker's commission was \$975, how much profit did Roy make on the transaction?

*ANSWER:* \$47,025  
*POINTS:* 1



## Chapter 01 - Whole Numbers

**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

215. The Zion Company can produce 90 appliances in an 8-hour shift. The plant operates continuously—3 shifts per day, 5 days per week. How many appliances can be produced in 5 weeks?

**ANSWER:** 6,750 appliances  
**POINTS:** 1  
**DIFFICULTY:** Challenging  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

216. A machine uses 12 circuit boards, each containing 326 parts. A company has 615,828 parts in stock.

- How many machines can it manufacture?
- How many parts will be left?

**ANSWER:** a. 157 machines  
b. 1,644 parts left  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.6 - LO: 1-6  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

217. City National charges \$11,144 interest on a loan of \$28,600. What equal monthly payments must be made in order to pay back the loan plus interest in 36 months?

## Chapter 01 - Whole Numbers

**ANSWER:** \$1,104  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
DESC.BREC.17.1.6 - LO: 1-6  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

218. A 2,300 acre farm was sold for \$963,500. If the house and equipment are worth \$188,400 and the land represents the balance, what was the price paid per acre for the land?

**ANSWER:** \$337  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.6 - LO: 1-6  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

219. A flatbed railroad car weighs 175 tons empty, and 527 tons loaded with 22 trailers. How many tons does each trailer weigh?

**ANSWER:** 16 tons  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**QUESTION TYPE:** Essay  
**HAS VARIABLES:** False  
**STUDENT ENTRY MODE:** Basic  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.6 - LO: 1-6  
**NATIONAL STANDARDS:** United States - BUSPROG: Analytic  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

220. Last month, Jim Grimshaw harvested 325 bushels of tomatoes, 218 bushels of carrots, and 560 bushels of cucumbers. He sold the entire harvest to Produce, Inc. The tomatoes brought \$4 per bushel; the carrots, \$3 per bushel; and the

## Chapter 01 - Whole Numbers

cucumbers, \$2 per bushel. If Jim's expenses amounted to \$989, how much was his profit?

**ANSWER:** \$2,085

**POINTS:** 1

**DIFFICULTY:** Moderate

**QUESTION TYPE:** Essay

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3

DESC.BREC.17.1.4 - LO: 1-4

DESC.BREC.17.1.5 - LO: 1-5

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

221. You are hosting a reception. The meal will cost \$22 per person; entertainment will cost \$1,500; facility rental is \$750; invitations and decoration costs are \$1,230; and other expenses amount to \$930.

a. Calculate the cost if 210 guests plan to attend.

b. What is the cost per guest?

**ANSWER:** a. \$9,030

b. \$43

**POINTS:** 1

**DIFFICULTY:** Challenging

**QUESTION TYPE:** Essay

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** LO: 1-3, LO: 1-5, LO: 1-6

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

222. Accu-Temp charges \$19 per hour for accounting employees. These employees are paid \$11 per hour. If Accu-Temp has 25 accounting employees, each working a 32-hour week, how much profit did the company make last week?

**ANSWER:** \$6,400

**POINTS:** 1

**DIFFICULTY:** Challenging

**QUESTION TYPE:** Essay

**HAS VARIABLES:** False

**STUDENT ENTRY MODE:** Basic

**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4

DESC.BREC.17.1.5 - LO: 1-5

**NATIONAL STANDARDS:** United States - BUSPROG: Analytic

**KEYWORDS:** Bloom's: Applying

## Chapter 01 - Whole Numbers

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

223. The O'Brien Company purchased a new building for \$185,500. After a down payment of \$38,800, the balance was paid in equal monthly payments, with no interest.

- If the loan was paid off in 3 years, how much were the monthly payments?
- If the loan was paid off in 5 years, how much less were the monthly payments?

*ANSWER:* a. \$4,075  
b. \$1,630

*POINTS:* 1

*DIFFICULTY:* Challenging

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
DESC.BREC.17.1.5 - LO: 1-5  
DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

224. A contestant agreed to split her prize money equally with her family. There are 11 members in her family, including the contestant. If she won \$275,000, how much money will each family member receive?

*ANSWER:* \$25,000

*POINTS:* 1

*DIFFICULTY:* Easy

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

225. Lona's catering service figured that each party member would use the following items per person; 3 cups, 5 napkins, 4 forks, 2 knives and 3 spoons. If Lona is catering a party for 150 people, how many total items will she need to supply the party?

*ANSWER:* 2,550 items

*POINTS:* 1

*DIFFICULTY:* Moderate

*QUESTION TYPE:* Essay

*HAS VARIABLES:* False

*STUDENT ENTRY MODE:* Basic

## Chapter 01 - Whole Numbers

*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
DESC.BREC.17.1.5 - LO: 1-5

*NATIONAL STANDARDS:* United States - BUSPROG: Analytic

*KEYWORDS:* Bloom's: Applying

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

226. A system using the ten Hindu-Arabic symbols 0 - 9 is called a binary number system.

- a. True
- b. False

*ANSWER:* False

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* New jph

*QUESTION TYPE:* True / False

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

227. A dot written in a decimal number is called a decimal point.

- a. True
- b. False

*ANSWER:* True

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* New jph

*QUESTION TYPE:* True / False

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*KEYWORDS:* Bloom's: Remembering

*DATE CREATED:* 3/13/2019 3:22 PM

*DATE MODIFIED:* 3/13/2019 3:22 PM

228. Whole numbers, also called integers, are found to the left of the decimal point.

- a. True
- b. False

*ANSWER:* True

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* New jph

## Chapter 01 - Whole Numbers

*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

229. In the following number:

1,548,932

The 8 is in the hundreds place.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

230. In the following number:

1,548,932

The 5 is in the hundred thousands place.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.1 - LO: 1-1  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

231. The addends are 745, 923, and 245.

The sum of the problem is 1,913.

## Chapter 01 - Whole Numbers

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.3 - LO: 1-3  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

232. The minuend is 3,415.  
The subtrahend is 742.

The quotient is 2,673.

- a. True
- b. False

**ANSWER:** False  
**POINTS:** 1  
**DIFFICULTY:** Challenging  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.4 - LO: 1-4  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**KEYWORDS:** Bloom's: Applying  
**DATE CREATED:** 3/13/2019 3:22 PM  
**DATE MODIFIED:** 3/13/2019 3:22 PM

233. The multiplicand is 519.  
The multiplier is 45.

The product is 23,355.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Challenging  
**REFERENCES:** New jph  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** DESC.BREC.17.1.5 - LO: 1-5

## Chapter 01 - Whole Numbers

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

234. The dividend is 2,925.

The divisor is 45.

The subtrahend is 65.

a. True

b. False

**ANSWER:** False

**POINTS:** 1

**DIFFICULTY:** Challenging

**REFERENCES:** New jph

**QUESTION TYPE:** True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** DESC.BREC.17.1.6 - LO: 1-6

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**KEYWORDS:** Bloom's: Applying

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

235. If the divisor does not evenly divide into the dividend, the quotient will have a remainder.

a. True

b. False

**ANSWER:** True

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** New jph

**QUESTION TYPE:** True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** DESC.BREC.17.1.6 - LO: 1-6

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**KEYWORDS:** Bloom's: Remembering

**DATE CREATED:** 3/13/2019 3:22 PM

**DATE MODIFIED:** 3/13/2019 3:22 PM

236. The sum of the number 12,45,87,42, and 36 is 222.

a. True

b. False

**ANSWER:** True

**POINTS:** 1

**DIFFICULTY:** Moderate



## Chapter 01 - Whole Numbers

*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.3 - LO: 1-3  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

237. Shawn's potato crop produced 525 pounds of potatoes. He took them to the farmer's market , where he made sales of 35 pounds, 48 pounds, 112 pounds, and 28 pounds. The remaining potatoes were bought by a restaurant supplier. The supplier bought 748 pounds of potatoes.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

238. Mei produced 318 hand-made vases this year. She sold all but 26 of them. That means that Mei sold 292 vases.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.4 - LO: 1-4  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

239. Raegan decided to save up to buy a car. After 48 weeks, she saved \$2,160. That means that Raegan was saving \$112 per week to reach her goal.

- a. True

## Chapter 01 - Whole Numbers

b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.6 - LO: 1-6  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*KEYWORDS:* Bloom's: Applying  
*DATE CREATED:* 3/13/2019 3:22 PM  
*DATE MODIFIED:* 3/13/2019 3:22 PM

240. The number 1,975,512 has been rounded all the way.  
The result is 1,900,000.

a. True

b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* New jph  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* DESC.BREC.17.1.2 - LO: 1-2  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
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*DATE MODIFIED:* 3/13/2019 3:22 PM