

**BRIDGEPORT PUBLIC SCHOOLS  
MATHEMATICS DEPARTMENT**

**SUPPLEMENTARY  
LESSON PACKET**

**(REVISED SUMMER 2010)**

**GRADE 5  
MARKING PERIOD 1**

**PERFORMANCE STANDARDS**  
**GRADE 5**  
**MARKING PERIOD 1**

<b>CMT 1B</b>	Identify alternative forms of expressing whole numbers < 10,000 using expanded notation.
<b>CMT 1D</b>	Use place value concepts to identify and compare the magnitude and value of digits in numbers
<b>CMT 2A</b>	Relate decimals to pictorial representations and vice versa. ( 0.01 – 2.99)
<b>CMT 4A</b>	Order whole numbers less than 100,000
<b>CMT 4D</b>	Describe the magnitude of mixed numbers (including fractions) and decimals.
<b>CMT 4E</b>	Round whole numbers in context.
<b>CMT 4F</b>	Round decimals
<b>CMT 5A</b>	Identify the appropriate operation or number sentence to solve a story problem.
<b>CMT 7A</b>	Add and subtract 2-, 3- and 4- digit whole numbers and money amounts less than \$100.
<b>CMT 7B</b>	Multiply and divide multiples of 10 and 100 by and 100
<b>CMT 9B</b>	Solve two step problems involving whole numbers and money amounts.
<b>CMT 11A</b>	Identify a reasonable estimate to a problem, including estimating change.
<b>CMT 20A</b>	Draw reasonable conclusions from data in tables, graphs and charts.
<b>CMT 25A</b>	Solve extended numerical, statistical and spatial problems.

Name \_\_\_\_\_

Date \_\_\_\_\_

1.  $9000 + 200 + 30 + 5 =$   
\_\_\_\_\_

2.  $5000 + 300 + 40 + 2 =$   
\_\_\_\_\_

3.  $2000 + 800 + 50 + 3 =$   
\_\_\_\_\_

4.  $7000 + 900 + 80 + 7 =$   
\_\_\_\_\_

5.  $1000 + 700 + 60 + 1 =$   
\_\_\_\_\_

6.  $3000 + 100 + 20 =$   
\_\_\_\_\_

7.  $4000 + 500 + 10 =$   
\_\_\_\_\_

8.  $6000 + 400 + 70 =$   
\_\_\_\_\_

9.  $8000 + 600 + 90 =$   
\_\_\_\_\_

10.  $1000 + 900 + 50 =$   
\_\_\_\_\_

11.  $7000 + 800 + 1 =$  \_\_\_\_\_

12.  $2000 + 300 + 7 =$  \_\_\_\_\_

13.  $5000 + 200 + 4 =$  \_\_\_\_\_

14.  $9000 + 100 + 6 =$  \_\_\_\_\_

15.  $8000 + 600 + 9 =$  \_\_\_\_\_

16.  $6000 + 40 + 8 =$  \_\_\_\_\_

17.  $4000 + 30 + 3 =$  \_\_\_\_\_

18.  $3000 + 90 + 2 =$  \_\_\_\_\_

19.  $1000 + 80 + 1 =$  \_\_\_\_\_

20.  $2000 + 20 + 7 =$  \_\_\_\_\_

21.  $8000 + 800 =$  \_\_\_\_\_

22.  $9000 + 600 =$  \_\_\_\_\_

23.  $5000 + 100 =$  \_\_\_\_\_

24.  $2000 + 700 =$  \_\_\_\_\_

25.  $1000 + 900 =$  \_\_\_\_\_

26.  $3000 + 20 =$  \_\_\_\_\_

27.  $4000 + 40 =$  \_\_\_\_\_

28.  $7000 + 30 =$  \_\_\_\_\_

29.  $6000 + 80 =$  \_\_\_\_\_

30.  $8000 + 50 =$  \_\_\_\_\_

31.  $1000 + 2 =$  \_\_\_\_\_

32.  $9000 + 7 =$  \_\_\_\_\_

33.  $3000 + 3 =$  \_\_\_\_\_

34.  $2000 + 1 =$  \_\_\_\_\_

35.  $7000 + 9 =$  \_\_\_\_\_

36.  $7000 + 300 + 60 =$   
\_\_\_\_\_

37.  $5000 + 50 + 8 =$   
\_\_\_\_\_

38.  $2000 + 1 =$   
\_\_\_\_\_

39.  $1000 + 800 + 2 =$   
\_\_\_\_\_

40.  $3000 + 60 =$   
\_\_\_\_\_

41.  $9000 + 200 =$   
\_\_\_\_\_

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

1. What is the value of 4 in the number 2478?

- a 4000
- b 400
- c 40
- d 4

5. The value of 378 would change by how much if the 3 were replaced by a 4?

- a 1
- b 10
- c 100
- d 1000

2. What is the value of 3 in the number 2639?

- f 30
- g 3000
- h 3
- j 300

6. The value of 752 would change by how much if the 2 were replaced by an 8?

- f 6
- g 60
- h 600
- j 6000

3. What is the value of 7 in the number 7648?

- a 7
- b 700
- c 7000
- d 70

7. The value of 827 would change by how much if the 2 were replaced by a 9?

- a 7
- b 70
- c 700
- d 7000

4. What is the value of 6 in the number 8796?

- f 600
- g 60
- h 6
- j 6000

8. The value of 830 would change by how much if the 8 were replaced by a 6?

- f 2
- g 20
- h 200
- j 2000

9. The value of 2968 would change by how much if 5 replaced the 2?

- a 3000
- b 2000
- c 300
- d 500

14. In which number does 8 have the greatest value?

- f 3892
- g 8329
- h 9382
- j 2398

10. The value of 3741 would change by how much if 8 replaced the 4?

- f 30
- g 40
- h 400
- j 3000

15. In which number does 4 have the greatest value?

- a 9548
- b 5134
- c 4287
- d 489

11. The value of 1384 would change by how much if 9 replaced the 1?

- a 8000
- b 100
- c 800
- d 9000

16. In which number does 1 have the greatest value?

- f 1264
- g 2146
- h 4612
- j 6421

12. The value of 5793 would change by how much if 2 replaced the 7?

- f 700
- g 300
- h 500
- j 400

17. In which number does 3 have the greatest value?

- a 399
- b 1399
- c 2053
- d 3246

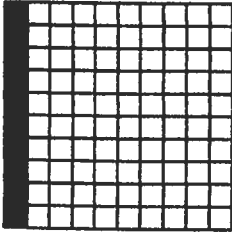
13. In which number does 5 have the greatest value?

- a 2765
- b 6572
- c 5267
- d 9599

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

Directions: Write the decimal amount that is shaded in each square below.

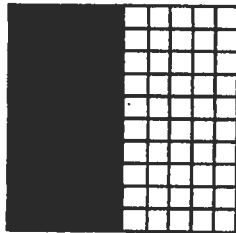
1.



□ = 0.01

\_\_\_\_\_

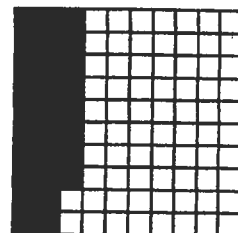
4.



□ = 0.01

\_\_\_\_\_

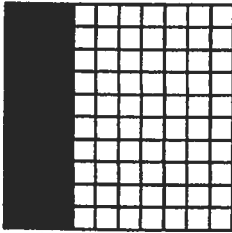
7.



□ = 0.01

\_\_\_\_\_

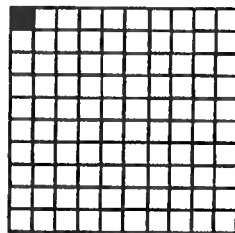
2.



□ = 0.01

\_\_\_\_\_

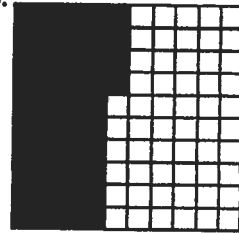
5.



□ = 0.01

\_\_\_\_\_

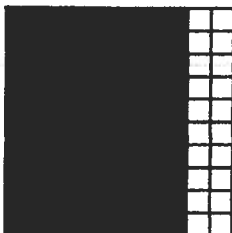
8.



□ = 0.01

\_\_\_\_\_

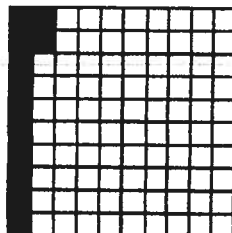
3.



□ = 0.01

\_\_\_\_\_

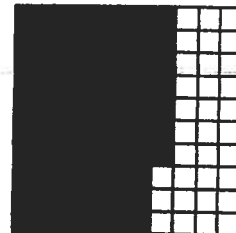
6.



□ = 0.01

\_\_\_\_\_

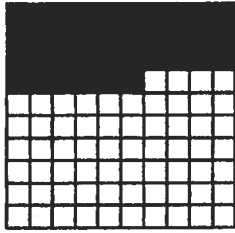
9.



□ = 0.01

\_\_\_\_\_

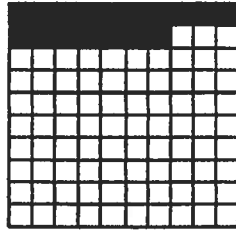
10.



□ = 0.01

\_\_\_\_\_

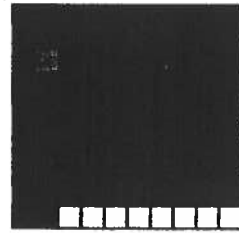
14.



□ = 0.01

\_\_\_\_\_

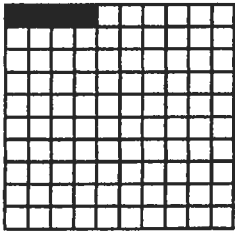
18.



□ = 0.01

\_\_\_\_\_

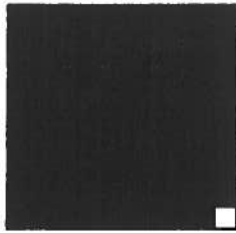
11.



□ = 0.01

\_\_\_\_\_

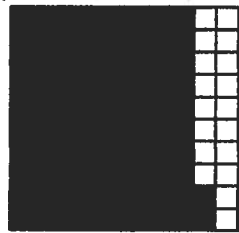
15.



□ = 0.01

\_\_\_\_\_

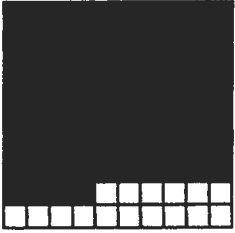
19.



□ = 0.01

\_\_\_\_\_

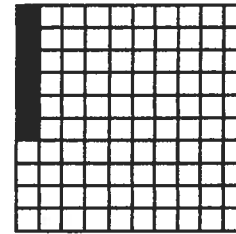
12.



□ = 0.01

\_\_\_\_\_

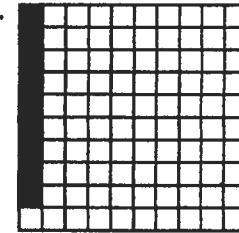
16.



□ = 0.01

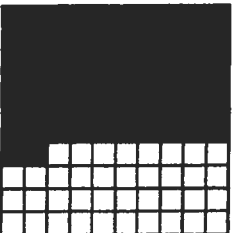
\_\_\_\_\_

20.



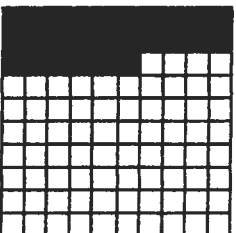
□ = 0.01

13.



□ = 0.01

17.

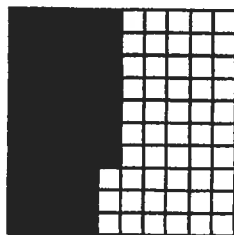


□ = 0.01

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

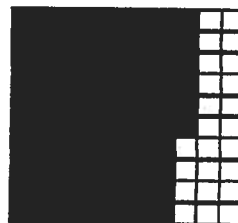
1. The shaded portion of this grid shows which decimal number?



Each  $\square = 0.01$

- (a) 0.27
- (b) 0.47
- (c) 0.57
- (d) 0.37

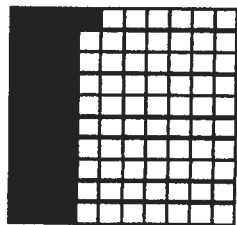
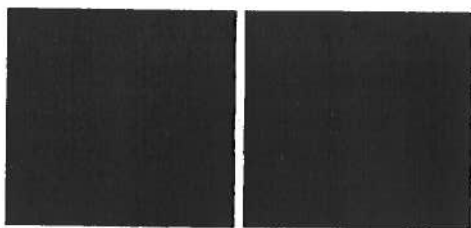
3. The shaded portion of this grid shows what decimal number?



Each  $\square = 0.01$

- (a) 1.25
- (b) 2.60
- (c) 0.76
- (d) 0.98

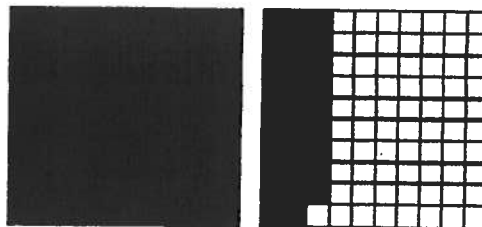
2. The shaded portion of this grid shows which decimal number?



Each  $\square = 0.01$

- (f) 3.00
- (g) 2.31
- (h) 3.31
- (j) 2.53

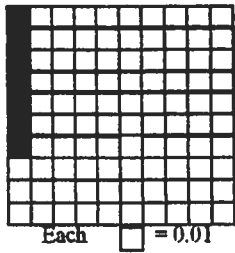
4. The shaded portion of this grid shows what decimal number?



Each  $\square = 0.01$

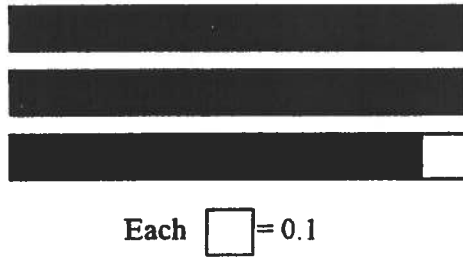
- (f) 2.29
- (g) 0.29
- (h) 1.29
- (j) 0.09

5. The shaded portion of this grid shows which decimal number?



- (a) 0.7
- (b) 0.07
- (c) 7.07
- (d) 7.70

8. The shaded part of this picture shows what decimal number?



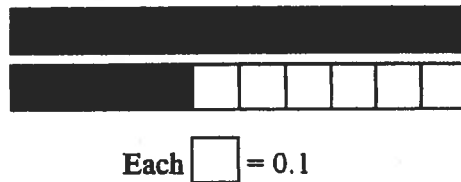
- (f) 2.9
- (g) 2.1
- (h) 290.0
- (j) 2.09

6. The shaded part of this picture shows what decimal number?



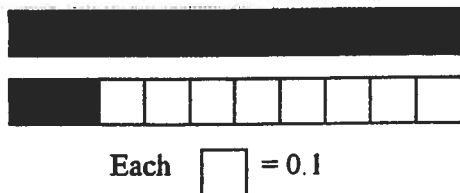
- (f) 0.6
- (g) 0.06
- (h) 1.6
- (j) 1.06

9. The shaded part of this picture shows what decimal number?



- (a) 1.6
- (b) 140.0
- (c) 1.4
- (d) 1.04

7. The shaded part of this picture shows what decimal number?



- (a) 120.0
- (b) 0.22
- (c) 1.8
- (d) 1.2

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

1. The new baby gained 1.6 pounds the first month. This weight is **BETWEEN**

- a 0.5 and 1 pound
  - b 1 and 1.5 pounds
  - c 1.5 and 2 pounds
  - d 2 and 3 pounds
- 

2. Marc jumped 6.3 feet. Which **BEST** describes his jump?

- f A little more than 5 feet
  - g A little less than 6.25 feet
  - h A little more than 6 feet
  - j A little less than 7 feet
- 

3. A cake recipe calls for 2.2 fluid ounces of vanilla. Which **BEST** describes this amount?

- a A little more than 2 ounces
  - b A little more than 1.50 ounces
  - c A little less than 3 ounces
  - d Almost 4 ounces
- 

4. The cake recipe suggested that 1.75 teaspoons of vanilla be added to the frosting. This amount is **BEST** described as

- f a little less than 3 teaspoons
  - g nearly 2 teaspoons
  - h a little more than 1 teaspoon
  - j less than 0.5 teaspoons
- 

5. Jackson found out that his box weighed 8.92 ounces. This weight is **BEST** described as

- a between 8.1 and 8.5 ounces.
  - b a little less than 8 ounces.
  - c almost 9 ounces.
  - d a little more than 8 ounces.
- 

6. Mr. Beatson filled his truck with 22.14 gallons of gas. Which **BEST** describes this amount?

- f Nearly 23 gallons
  - g Almost 24 gallons
  - h Between 22 and 22.5 gallons
  - j Between 22.5 and 23 gallons
- 

7. David's new sister weighed 7.8 pounds at birth. Which **BEST** describes this weight?

- a Nearly 9 pounds
  - b A little more than 8 pounds
  - c A little less than 7 pounds
  - d A little less than 8 pounds
- 

8. Connie ran the mile in 9.85 minutes. This time is **BEST** described as

- f Nearly 10 minutes
- g Almost 9 minutes
- h Between 9 and 9.5 minutes
- j Between 8.5 and 9 minutes

9. Leon drives an average of 46.3 miles each day. This amount is BETWEEN

- a 46.0 and 46.5 miles.
  - b 46.4 and 46.8 miles.
  - c 46.5 and 46.7 miles.
  - d 46.8 and 49 miles.
- 

10. Dana rode her bike 4.8 kilometers to a friend's pool. This distance is BETWEEN

- f 4 and 4.5 kilometers.
  - g 4.5 and 5 kilometers.
  - h 4.4 and 4.7 kilometers.
  - j 4.2 and 4.6 kilometers.
- 

11. Emily found a peanut that weighed 6.8 grams. This weight is BEST described as

- a nearly 8 grams.
  - b a little less than 6 grams.
  - c a little more than 6 grams.
  - d almost 7 grams.
- 

12. A truck brought 2.35 tons of fruit to the market. This weight is BEST described as

- f 2 and 2.4 tons.
- g 2.4 and 2.7 tons.
- h 2.6 and 2.9 tons.
- j 2.5 and 3 tons.

13. Joey's grandfather picked a cucumber from his garden that weighed 2.6 pounds. Which BEST describes this weight?

- a less than 2 pounds
  - b between 2 and 2.5 pounds
  - c between 2.5 and 3 pounds
  - d between 3 and 4 pounds
- 

14. Dana has a three-speed bicycle. The circumference of Dana's wheel is 1.95 meters. Which BEST describes this circumference?

- f less than 1 meter
  - g more than 2 meters
  - h between 1 and 1.5 meters
  - j between 1.5 and 2 meters
- 

15. Dana drove her bicycle 4.40 kilometers to a friend's pool. This distance is BETWEEN

- a 3 and 4 kilometers
- b 4 and 4.5 kilometers
- d 4.5 and 5 kilometers
- e a little more than 5 kilometers

CMT 4F- Round whole numbers in context.

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Directions: Complete the table. Round each number to the places given.

	Round to the Nearest Ten Thousand	Round to the Nearest Thousand	Round to the Nearest Hundred	Round to the Nearest Ten
93,064				
67,195				
51,820				
15,938				
80,271				
24,517				
46,309				
72,643				
59,482				
98,729				
38,756				

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

1. A black sea turtle could weigh as much as 278 pounds. Which BEST describes this weight?

- a A little less than 200 pounds
- b A little more than 200 pounds
- c A little less than 300 pounds
- d A little more than 300 pounds

5. In 1964 in California, a tiger shark weighing 1780 pounds was caught. Which BEST describes this weight?

- a A little more than 2000 pounds
- b A little more than 1000 pounds
- c A little less than 2000 pounds
- d A little less than 1000 pounds

2. An average alligator snapping turtle weighs 413 pounds. Which BEST describes this weight?

- f A little less than 400 pounds
- g A little more than 400 pounds
- h A little less than 500 pounds
- j A little more than 500 pounds

6. Washington, D.C. had 4399 classroom teachers in 1997. Which BEST describes this number?

- f A little less than 4000 teachers
- g A little more than 4000 teachers
- h A little less than 5000 teachers
- j A little more than 5000 teachers

3. A green sea turtle could weigh nearly 895 pounds. Which BEST describes this weight?

- a A little less than 800 pounds
- b A little less than 900 pounds
- c A little more than 800 pounds
- d A little more than 900 pounds

7. That same year, Washington, D.C. had 77,111 students going to school. Which BEST describes this number?

- a A little less than 70,000 students
- b A little more than 70,000 students
- c A little less than 80,000 students
- d A little more than 80,000 students

4. A prehistoric "monster" turtle could have weighed as much as 4497 pounds. Which BEST describes this weight?

- f A little more than 4000 pounds
- g A little more than 5000 pounds
- h A little less than 4000 pounds
- j A little less than 5000 pounds

8. In 1999 there were 86,197 schools in the USA with computers in them. Which BEST describes this number?

- f A little less than 90,000 schools
- g A little more than 90,000 schools
- h A little less than 80,000 schools
- j A little more than 80,000 schools

9. Only 14,211 United States schools had Internet access in 1996. Which BEST describes this number?

- a A little less than 20,000 schools
- b A little more than 20,000 schools
- c A little less than 10,000 schools
- d A little more than 10,000 schools

13. The United States has 44,619 post offices. This number is BEST described as

- a a little less than 40,000
- b a little more than 40,000
- c a little less than 50,000
- d a little more than 50,000

10. By 1999, there were 61,093 American schools with Internet access. The number 61,093 is BEST described as

- f a little less than 60,000 schools
- g a little more than 60,000 schools
- h a little less than 70,000 schools
- j a little more than 70,000 schools

14. The Hartford Courant, the oldest newspaper in the United States, was 236 years old in the year 2000. Which BEST describes the number 236?

- f A little more than 200 years
- g A little less than 200 years
- h A little less than 300 years
- j A little more than 300 years

11. In 1999, there were 38,718 elementary schools in this country with CD-ROMs. This number (38,718) is BEST described as

- a a little less than 30,000
- b a little less than 40,000
- c a little more than 30,000
- d a little more than 40,000

15. The area of Connecticut is 5544 square miles. Which BEST describes this area?

- a A little less than 5000 sq miles
- b A little more than 6000 sq miles
- c A little less than 6000 sq miles
- d A little more than 5000 sq miles

12. In 1996 only 24,353 elementary schools had CD-ROMs. This number (24,353) is BEST described as

- f a little less than 30,000
- g a little more than 30,000
- h a little less than 20,000
- j a little more than 20,000

16. China has the longest border in the world. It is 13,759 miles long. Which BEST describes this length?

- f A little less than 20,000 miles
- g A little less than 10,000 miles
- h A little more than 10,000 miles
- j A little more than 20,000 miles

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Use the information below to answer questions 1 and 2.

**POPULATION IN FOUR CITIES**

Uptown	4296
Downtown	2138
Lowtown	1256
Hightown	8945

1. ABOUT how many people live in Uptown or Downtown?

- a 5000
- b 6000
- c 7000
- d 8000

2. ABOUT how many more people live in Hightown than in Lowtown?

- f 6000
- g 7000
- h 8000
- j 9000

3. Last year Shannon earned \$512 by babysitting all 52 weeks. ABOUT how much did she earn in one week?

- a \$1000
- b \$100
- c \$10
- d \$1

Use the information below to answer questions 4 – 5.

**CANS COLLECTED ON EARTH**  
**DAY**

Class	Quantity of Cans Collected
3 <sup>rd</sup> Grade	198
4 <sup>th</sup> Grade	318
5 <sup>th</sup> Grade	503

4. The students were paid \$10 for every 100 cans collected. ABOUT how much money did the fifth graders earn?

- f \$50
- g \$500
- h \$5000
- j \$5

5. ABOUT how many more cans did the fifth graders collect than the fourth graders?

- a 200
- b 400
- c 600
- d 800

6. Mr. Tillinghast bought a new dining room set for \$5296. He made a down payment of \$1895. ABOUT how much money does he still owe?

- f \$1000
- g \$2000
- h \$3000
- j \$4000

CMT 4F – Round decimals.

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Directions: Write the whole number that comes just before and just after each decimal below. Then write the whole number closest to the decimal.

whole number	decimal	whole number	decimal	closest whole number
	6.2		6.2	
	8.4		8.4	
	3.7		3.7	
	4.5		4.5	
	1.3		1.3	
	5.8		5.8	
	9.1		9.1	
	2.6		2.6	
	7.9		7.9	

whole number	decimal	whole number
	48.26	
	31.81	
	29.67	
	87.59	
	10.92	
	50.14	
	74.48	
	39.79	
	62.35	
	95.23	

decimal	closest whole number
48.26	
31.81	
29.67	
87.59	
10.92	
50.14	
74.48	
39.79	
62.35	
95.23	

---

1. The largest pearl on record weighed 6.2 kilograms. This amount rounded to the NEAREST whole number is

- a 4 kg.
  - b 5 kg.
  - c 6 kg.
  - d 7 kg.
- 

2. An apple has 5.2 milligrams of vitamin C. This amount rounded to the NEAREST whole number is

- f 4 mg.
  - g 5 mg.
  - h 6 mg.
  - j 7 mg.
- 

3. Bakersfield, California receives only 5.7 inches of rain each year. This amount rounded to the NEAREST whole number is

- a 5 inches.
  - b 6 inches.
  - c 7 inches.
  - d 8 inches.
- 

4. Yakima, Washington receives 7.9 inches of rain each year. This amount rounded to the NEAREST whole number is

- f 5 in.
  - g 6 in.
  - h 7 in.
  - j 8 in.
- 

5. One of the largest meteorites ever found weighed 14.3 tons. This amount rounded to the NEAREST whole number is

- a 12 tons.
  - b 13 tons.
  - c 14 tons.
  - d 15 tons.
- 

6. Another meteorite weighed 29.8 tons. This amount rounded to the NEAREST whole number is

- f 28 tons.
  - g 29 tons.
  - h 30 tons.
  - j 31 tons.
- 

7. The Encke comet is seen every 3.1 years. This number rounded to the NEAREST whole number is

- a 3 years.
  - b 4 years.
  - c 5 years.
  - d 6 years.
- 

8. An African elephant is 8.3 meters long. This length rounded to the NEAREST whole number is

- f 10 meters.
  - g 9 meters.
  - h 8 meters.
  - j 7 meters.
-

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

1. Of the 3025 people who attended a rock concert, 2782 did not buy a souvenir T-shirt. How many people did buy a souvenir T-shirt?

- a 133  
b 143  
c 233  
d 243

2. Cindy bought a special outfit to wear to the rock concert. It cost \$43.89. Cindy's mother handed the clerk a \$50.00 bill. How much change did Cindy's mother receive?

- f \$5.11  
g \$6.11  
h \$7.21  
j \$6.21

3. After the concert, Mario bought a CD for \$16.95 and a souvenir T-shirt for \$36.28. What should his bill have been before tax?

- a \$63.33  
b \$53.12  
c \$53.23  
d \$43.23

4. In the two-level Cameo Theater, 1275 seats were filled on the ground level. In the balcony, 1755 seats were filled. How many seats were filled?

- f 3030  
g 2920  
h 2930  
j 3020

5. Blair bought a beautiful blue blouse for \$36.98. She paid for it with a \$50.00 bill. How much change should she have received?

6. Dusty collects stamps. He has 4296 stamps in one album and 5124 stamps in another album. How many stamps are in Dusty's two albums?

7. Marina paid \$625.94 for her new saxophone, and Bob paid \$853.27 for his new clarinet. How much more did Bob pay for his new clarinet?

8. Peanut butter was introduced at the world's fair in 1904. The first commercial peanut butter was produced by a St. Louis doctor in 1890. How long after its production was it introduced at the fair?

9. Solve this problem.

$$\begin{array}{r} \$86.34 \\ +12.97 \\ \hline \end{array}$$

10. Solve this problem.

$$\begin{array}{r} \$9.00 \\ -2.78 \\ \hline \end{array}$$

**USE AFTER LESSON 7.3**

Obj. 9B: Solve 2-step problems involving whole numbers and money amounts.

Name \_\_\_\_\_ Date \_\_\_\_\_

Record and bubble in your answers to problems 1 – 18 on the Recording Sheet.

1. Bradlees has 100 boxes of candy bars for sale. There are 20 candy bars in each box. Each candy bar costs \$2.00. How much will all the candy bars cost?

\_\_\_\_\_

Summer clothes are on sale. The chart below lists the sale prices. Use the chart to answer questions 2 and 3.

**CLOTHING PRICES**

	Children	Adults
JACKETS	\$20	\$45
SHORTS	\$ 7	\$25
TEE SHIRTS	\$ 5	\$20

2. Mrs. Matson bought 2 children’s jackets and 1 pair of children’s shorts. If she paid with a \$50.00 bill, how much change will she receive?

\_\_\_\_\_

3. Mrs. Matson also bought 2 adult jackets for herself and her husband, 2 pairs of adult shorts, and 3 adult tee shirts. What was her bill for these items?

\_\_\_\_\_

4. Mr. and Mrs. Gibson and their 7 children went to Disney World. They bought 2 adult tickets for \$100 each and 7 children’s tickets for \$75 each. How much did all the tickets cost?

\_\_\_\_\_

5. Suzanne earns money by baby-sitting. She charges \$5.00 an hour for the first child and \$2.00 an hour for any other children in the family. How much would she charge to babysit 2 children for 2 hours?

\_\_\_\_\_

6. Sally bought 3 bottles of nail polish at \$5.29 each and a pair of sandals for \$25.99. She paid for her purchases with a \$50.00 bill. What amount of change should she receive?

\_\_\_\_\_

7. Mr. Morris bought 2 pencils for each student in the fifth grade at Washington Square School. There are 24 students in each of the 4 classes. How many pencils did Mr. Morris buy?

\_\_\_\_\_

8. A store paid \$5.29 each for 100 pairs of socks. The store sold the socks at \$7.99 per pair. How much profit did the store make?

\_\_\_\_\_

9. Mrs. Jenkins gets her hair colored 4 times a year. She pays \$80 for each coloring and always gives a \$16 tip to the hairdresser. How much does she spend each year on her hair?

\_\_\_\_\_

10. The bakery puts 6 doughnuts in each box. 10 boxes are put in each carton. How many doughnuts will 10 cartons contain?

\_\_\_\_\_

11. In a peach orchard, there are 8 rows of peach trees with 5 peach trees in each row. If each peach tree produces about 100 pounds of peaches, how many pounds of peaches will be harvested?

---

12. A driver wishes to find out how far he can go on a gallon of gas. At 3135 miles on his odometer, he fills his tank with gas. At 3535 miles, he fills his tank again. It takes 10 miles to fill the tank. How many miles does he get per gallon of gas?

---

13. The students at Pine Tree School are having a picnic at Crystal Lake. There will be 322 students and 38 teachers going to the picnic. Buses to carry everyone to the Lake hold 40 people. How many buses will be needed?

---

14. In the Jackson family, each person uses about 4 gallons of water per day for drinking, cooking, and washing. If there are 5 people in the family, how many gallons of water are used in 100 days?

---

15. The **“Stop-and-Pay Too Much”** grocery store had 100 boxes of pens in each case. There were 10 cases of pens in the back room. A new shipment delivered 5 times as many cases as the store already had in the back room. How many boxes of pens does the store now have?

16. Leslie collects comic books. She has 5 boxes with 200 comic books in each box. Old Mrs. Marvel gave Leslie 3 times as many comic books as Leslie already owns. Now how many comic books does Leslie have?

---

17. Terry’s stamp collection was kept in 10 boxes with 7 stamp albums in each box. At the stamp convention, he saw 5 times as many stamp albums for sale as he owned. How many stamp albums were for sale at the convention?

---

18. Yesterday there were 265 lottery tickets sold. The day before that, there were 4590 tickets sold. Today as many tickets were sold as yesterday and the day before combined. How many tickets were sold in all during these three days?

**USE WITH LESSON 8.6**

Obj. 5A: Identify or write the appropriate operation or number sentence to solve a story problem.

Name \_\_\_\_\_ Date \_\_\_\_\_

1. All 66 members of the football team are at an awards dinner. 22 members brought their dads. To find out how many people are at the dinner, you would

- a subtract 22 from 66.
- b add 22 to 66.
- c divide 66 by 22.
- d multiply 66 by 22.

2. The bakery gave away 200 cookies to the first 10 customers. Each customer received the same number of cookies. Which number sentence could be used to determine how many cookies each customer received?

- f  $200 - 10 = \square$
- g  $200 + 10 = \square$
- h  $200 \div 10 = \square$
- j  $200 \times 10 = \square$

3. Magda knows that 12 inches are in one foot. Which number sentence could be used to determine the number of inches in 8 feet?

- a Add 8 and 12.
- b Subtract 8 from 12.
- c Multiply 12 by 8.
- d Divide 12 by 8.

4. Last night 27 dogs and 9 cats escaped from the animal shelter. To find out how many animals escaped, you would

- f subtract 9 from 27.
- g multiply 27 by 9.
- h divide 27 by 9.
- j add 5 to 27.

5. On Friday, 4250 people visited the San Diego Zoo. On Saturday 6,350 people visited the Zoo. Which number sentence would be used to determine the number of people who visited the Zoo on those 2 days?

- a  $(4250 + 6350) \times 2 = \square$
- b  $6350 \times 4250 = \square$
- c  $6350 - 4250 = \square$
- d  $6350 + 4250 = \square$

6. In a parking lot, 5 cars are parked in a row. The parking lot has 20 rows. To find out how many cars would fill the parking lot, you would

- f subtract 5 from 20.
- g divide 20 by 5.
- h add 5 to 20.
- j multiply 20 by 5.

7. Mr. Johnson paid \$12.98 for his dinner. He left a \$2 tip. Which number sentence can be used to determine the total amount he paid?

a  $\$12.98 + 2 = \square$

b  $\$12.98 + 2 = \square$

c  $\$12.98 - 2 = \square$

d  $\$12.98 \times 2 = \square$

---

8. Janos is packing a box of 24 candies. He put 4 candies in each row. Which number sentence can be used to find out how many rows of candy he will make?

f Add 24 to 4.

g Divide 24 by 4.

h Multiply 24 by 4.

j Subtract 4 from 24.

---

9. Mrs. Nichols bought 10 pencils for each of her 20 students. To find out how many pencils she bought, you would

a add 10 to 20.

b divide 20 by 10.

c multiply 20 by 10

d subtract 10 from 20.

---

10. Peter's family had 4 kinds of wrapping paper and 8 kinds of ribbon to wrap Peter's presents for his birthday party. Which number sentence can be used to find out how many different ways the presents could be wrapped?

f  $8 \times 4 = \square$

g  $8 - 4 = \square$

h  $8 + 4 = \square$

j  $8 \div 4 = \square$

---

11. Sonia delivered 625 newspapers in 5 days. Which number sentence could be used to determine the number of newspapers delivered in 1 day?

a Multiply 625 by 5.

b Divide 625 by 5.

c Add 5 to 625.

d Subtract 5 from 525.

---

12. Grandma Heinz has 9 grandchildren. She baked 90 cookies and gave each grandchild the same number of cookies to eat. To determine how many cookies each grandchild received, you would

f add 90 to 9.

g subtract 9 from 90.

h multiply 90 by 9.

j divide 90 by 9.

**USE WITH LESSON 8.1**

Obj. 7B: Multiply and divide multiples of 10 and 100 by 10 and 100.

Name \_\_\_\_\_ Date \_\_\_\_\_

Record and bubble in your answers to problems 1 – 11 on the Recording Sheet.

1. The local school district ordered 70 new laptop computers for the 10 elementary schools. How many computers did each school receive?

\_\_\_\_\_

2. Tabitha is saving up to buy an old Triumph sports car. She put \$20 in the bank every week for 50 weeks. At the end of that time, how much money had Tabitha saved?

\_\_\_\_\_

3. An average American eats about 100 pounds of food in a month. How many pounds of food would 50 average Americans eat in a month?

\_\_\_\_\_

4. 300 people each owed \$200 in federal income taxes. How much money did the IRS collect from all these people?

\_\_\_\_\_

5. 10 people received a total of \$900 in refunds from the IRS. How much money did each person receive? (Assume they all received the same amount of money.)

\_\_\_\_\_

6. A robot can fill 900 bottles of water in 100 minutes. How many bottles of water can the robot fill in 1 minute?

\_\_\_\_\_

7. One box of colored pencils contains 200 pencils. How many pencils would be in 40 boxes?

\_\_\_\_\_

8. Louise made \$48,000 last year. She received 10 equal paychecks for all her money. How much money was each paycheck worth?

\_\_\_\_\_

9. Suzanne walks dogs to make extra spending money. She is paid \$10 for every dog she walks. How many dogs must she walk to earn \$1000?

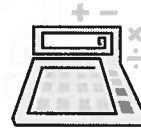
\_\_\_\_\_

10. The 40 fifth graders held collected cans to raise money for the fuel bank. They collected 4000 cans. 40 students each collected an equal number of cans. How many cans did each student collect?

\_\_\_\_\_

11. The school store had 100 rulers in each box. How many rulers are in 20 boxes?

Grade 5 (4th Gen) – Obj. 25A Solve extended numerical problems.



Name \_\_\_\_\_ Date \_\_\_\_\_

### BERNIE'S GIFT CERTIFICATE

60. Bernie has a gift certificate for *Pete's Perfect Pens and Pencils*. His certificate is worth \$60, and he is sharing the money with 3 friends. The people sharing the gift certificate are

- Bernie,
- Benny,
- Betty, and
- Betsy.

The price list for the store is as follows:

<u>PENS</u>	
Ball Point Pens	\$1.00 each
Rollerball Pens	\$6.50/12
Gel-Ink Pens	\$1.49 each
Eraser Mate Pens	\$2.99/5
<u>PENCILS</u>	
Mechanical Pencils	\$3.99/12
Wood Pencils	\$1.99/12
Recycled Wood Pencils	\$2.99/48
<u>PENCIL SHARPENERS</u>	
Electric	\$12.99
Battery Operated	\$ 4.99
Hand-Held	\$ 2.99/4

Each of the 4 people buys at least 1 pen or pen set, at least 1 pencil set, and at least 1 pencil sharpener. Each person's order is different.

Determine an order for all 4 people that is under \$60, and explain your mathematical reasoning.

Bernie's Gift Certificate

BERNIE

BENNY

BETTY

BETSY

Explanation: