

Name _____

Date: Due Friday, October 13th

Math Homework -4.4 B, 4.4 D, 4.4 G Problem Solving -Week 8

1.

A fruit stand sells grapefruit by the bag. Each bag contains the same number of grapefruit. The table shows the number of bags and the number of grapefruit in the bags.

Number of Bags	7	8	9	10
Number of Grapefruit	70	80	90	100

Which of the following is true about the relationship shown in the table?

- A** The number of grapefruit is the total number of bags followed by 1 zero.
- B** The number grapefruit is 1 zero before the total number bags.
- C** The number of grapefruit is the total number of bags followed by 2 zeros.
- D** The number of grapefruit is equal to the total number bags.

2. Lunch to Go sells reusable lunch bags. They make a profit of \$6 for each lunch bag they sell. How much profit will they make if they sell 300 lunch bags?

- A** \$600
- B** \$1,800
- C** \$180
- D** \$300

3. Which multiplication problem has a product of 24,000?

- A** 3×80
- B** 3×800
- C** $6 \times 4,000$
- D** 6×400

4. Carlos bought 3 books of 20 postage stamps and 5 books of 10 postage stamps. How many stamps did he buy?

- A** 100
- B** 50
- C** 110
- D** 60

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5. The 42 members of the drama club bought matching baseball caps. Each cap cost \$17. The model below represents the total cost of the caps.

	40	2
10	400	20
7	280	14

What is the total cost of the caps?

- A \$773
 - B \$714
 - C \$1,546
 - D \$1,020
6. Denver, Colorado is 5,280 feet above sea level. How high above sea level is a mountain peak that is 4 times higher than Denver? Use an area model to find the height.
- A 20,820 ft
 - B 5,284 ft
 - C 21,120 ft
 - D 26,140 ft
7. Each night last week, 298 people attended the musical at the local theater. Which is the best **estimate** of the total number of people who saw the musical last week?
- A 1,000
 - B 1,400
 - C 1,800
 - D 2,100
8. This fall, 156 students were selected for the dance team. If the teacher grouped the students into 4 equal groups, about how many students were in each group?
- A 40
 - B 30
 - C 20
 - D 60

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9. A school secretary orders 8 reams of paper. Each ream contains 524 sheets. How many sheets of paper does the secretary order?

- A 4,196 sheets
- B 4,132 sheets
- C 4,194 sheets
- D 4,192 sheets

10. Mr. Bush's son lives in San Antonio. San Antonio is 228 miles from Mr. Bush's home in Edinburg. Mr. Bush traveled to San Antonio and back 6 times last year. How many total miles did Mr. Bush travel to and from his son's house last year?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

				.		
0	0	0	0		0	0
1	1	1	1		1	1
2	2	2	2		2	2
3	3	3	3		3	3
4	4	4	4		4	4
5	5	5	5		5	5
6	6	6	6		6	6
7	7	7	7		7	7
8	8	8	8		8	8
9	9	9	9		9	9

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Fact Fluency Practice

$$\begin{array}{r} 8 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$