Operations and Algebraic Thinking Review

OA Review

1. Carrie collected 8 cans for the canned food drive. Jamie collected 7 times as many. Which equation could be used to find how many cans Jamie collected?

A. c x 8 = 7
B. c ÷ 7 = 8
C. 7 + 8 = c
D. c - 7 = 8

2. Juanita bought several boxes of colored pencils. They came in packs with 6 pencils per package. Which of numbers below could be the amount of colored pencils she bought.

A. 16 colored pencils
B. 28 colored pencils
C. 33 colored pencils
D. 42 colored pencils

3. Melissa has 175 pictures to put in her scrapbook. Each page hold 8 pictures. How many pages can she fill completely?

A. 20
B. 21
C. 22
D. 1,400

4. Which equation below correctly shows the relationship between the number of magazines Sue and Liam sold?

Student	Sue	Jake	Liam	Alleah
Magazines Sold	21	4	3	24

A. 21 - 3 = 18   B. 3 ÷ 7 = 21
C. 3 x 7 = 21   D. 18 + 3 = 21

5. Write an equation to show the relationship between the number of magazines Jake and Alleah sold. Then write the equation in words.

Student	Sue	Jake	Liam	Alleah
Magazines Sold	21	4	3	24

Equation _____

Words to represent the equation _____

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Number and Operations in Base Ten Review

Name   Date

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1. When rounded to the nearest thousand the number of sea turtle eggs tracked by the Turtle Watch is 14,000. Which number could be the actual number of turtle eggs?

   A. 14,718 eggs
   B. 13,482 eggs
   C. 13,615 eggs
   D. 14,921 eggs

2. The Central City Auditorium has 75 rows with 98 seats per row. How many seats does the auditorium have in all?

   A. 173 seats
   B. 7,350 seats
   C. 150 seats
   D. 6,810 seats

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3. In 2,007 the Sea City Hall was 150 years old. What year was the Sea City Hall built?

   A. 1757
   B. 1957
   C. 2157
   D. 1857

4. Juan delivered 1,783 newspapers last year. Lisa delivered 2,179 newspapers last year. How is the 1 in each number different?
   A. the 1 in 2,179 is worth 10 times more than the 1 in 1,783
   B. the1 in 2,179 is worth 10 times less than the 1 in 1,783
   C. the 1 in 2,179 is worth 100 times more than the 1 in 1,783
   D. the1 in 2,179 is worth 100 times less than the 1 in 1,783

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5. Maple Leaf School set a goal of collecting 1,350 cans for a canned food drive. There are 150 students at the school and Jamie said that if each student brought in 6 cans, they could meet their goal. Is she correct? Explain your answer.

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