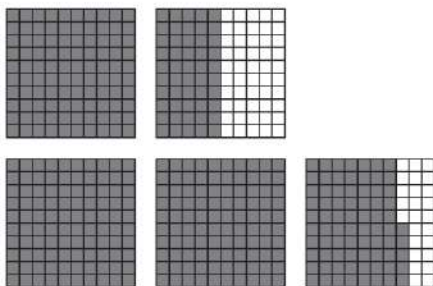CC.5.NBT.7 Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

1. Matthew buys a burrito for $4.38, a taco for $0.99, and a drink for $1.45 for lunch. What is the total price Matthew pays for lunch?

   A $4.38

   B $5.28

   C $5.82

   D $6.82

2. Joselyn's cat weighed 1.5 pounds when she took him home from the shelter. In the past year the cat has gained 2.75 pounds.
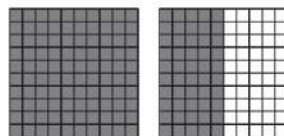

   How many pounds does Joselyn's cat weigh now? Use the model to help you find the answer.

   A 3.75 pounds

   B 4.25 pounds

   C 4.75 pounds

   D 5.25 pounds

3. Dan wrote the division problem below.

   $$5.45 \div 0.5$$

   What is the quotient?

4. Diane is making a recipe that calls for 1.5 cups of flour. Because her children will not be home for dinner, she halves the recipe.

   How much flour does Diane use? Use the model to help you find the answer.

   A 1.45 cup

   B 1.25 cup

   C 0.75 cup

   D 0.50 cup

5. In science class, Shelley finds that the mass of an empty box is 24.23 grams. She adds a cube to the box and measures the mass again. If the second reading is 27.61 grams, what is the mass of the cube?

   A 3.38 grams

   B 3.48 grams

   C 4.38 grams

   D 4.48 grams

6. Elsa walks 2.14 miles to the store. Then she walks 0.23 mile to her friend's house. What is the total distance that Elsa walks?

_____

7. Ryan walks 3.5 miles each morning. If he walks each day for 14 days, how far has Ryan walked in all?

   A 49 miles

   B 39.4 miles

   C 24.5 miles

   D 17.5 miles

8. Maria is wrapping presents. She has one long piece of ribbon 87.5 inches long. She wants to have strips of ribbon 12.5 inches long for each package. How many strips of ribbon can she cut?

   A 6 strips

   B 7 strips

   C 8 strips

   D 9 strips

9. Edyn wrote the multiplication problem below.

$$1.4 \times 5.2$$

What is the product?

_____

10. Jose is building a birdhouse from scraps of wood he found at his grandparents house. He has a piece of wood 18.75 inches long. If he cuts the piece into thirds, how long is each piece of wood?

   A 15.75 inches

   B 12.5 inches

   C 6.25 inches

   D 3.75 inches

11. Mr. Warren has made a lasagna noodle that is 17.45 centimeters long. He cuts off a piece of the noodle that is 3.23 centimeters long. How long is the large piece of noodle that is left?

   A 20.65 centimeters

   B 14.78 centimeters

   C 14.65 centimeters

   D 14.22 centimeters

12. Jenna finished first in a race with a time of 29.43 seconds. Maria came in second with a time of 30.22 seconds. What is the difference between Jenna's time and Maria's time?

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