

Name \_\_\_\_\_

1. **Vocabulary** How do you know the power of 10 by which to multiply a divisor and a dividend when dividing by a decimal?

2. The length of Chen's office is 15.5 feet and the width is 7.8 feet. Use the formula  $P = 2\ell + 2w$  to find the perimeter of the office.

3. Mason has 1,015 pounds of apples. He sells 9 bushels, 25 boxes, and 40 bags. How many pounds of apples does Mason have left?

Container	Bushel	Box	Bag
Pounds per Container	39.2	15.5	5.5

4. The Cost Saver Grocery Club sells sheet cakes. Each  $\frac{1}{4}$  sheet of cake requires 0.75 teaspoon of baking soda. How much baking soda is needed for a full sheet cake?

- (A) 2.25 tsp                      (C) 3 tsp  
(B) 2.75 tsp                      (D) 3.25 tsp

5. What is the value of  $(2,820 \div 8) \div 5$ ?

6. Jayden's new puppy weighed  $11\frac{1}{4}$  pounds at 4 weeks old. At 4 weeks old, the puppy weighed  $\frac{3}{5}$  times as much as at 16 weeks. Which equation can be used to find how much Jayden's puppy weighs at 16 weeks old?

- (A)  $11\frac{1}{4} \times \frac{3}{5} = 6\frac{3}{4}$                       (C)  $\frac{3}{5} \div 11\frac{1}{4} = \frac{4}{75}$   
(B)  $11\frac{1}{4} \div \frac{3}{5} = 18\frac{3}{4}$                       (D)  $11\frac{1}{4} + \frac{3}{5} = 11\frac{17}{20}$