**Fractions and Decimal Practice**

**DIRECTIONS: Show your strategies (underline key information, circle key data/numbers, highlight the question) and show your work on all questions.**

 **1.** Five friends are going to share 6 candy bars equally. Which expression does NOT equal this situation?

 A) 6 ÷ 5 B) $\frac{6}{5}$ C) 5 ÷ 6

**In questions 2 and 3, write an equivalent multiplication expression and solve. Write your final answer in simplest form.**

 **2.** 2 ÷ $\frac{1}{4}$ **3.** $\frac{1}{3}$ ÷ $ \frac{3}{5}$

**4.** 10 x $\frac{1}{5}$ Will the first factor increase or decrease when it is multiplied by the 2nd factor? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve the problem.

**5**. 10 x 2 $\frac{1}{5}$ Will the first factor increase or decrease when it is multiplied by the 2nd factor? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve the problem.

**6.** Glenn has an 8 ½ pound bag of dog food. If he feeds his dog ¼ pound of dog food per day, how many days can he feed his dog?

**7.** Mrs. Pathirage is having a picnic. She purchased 6.3 pounds of hamburger meat. What is the maximum amount of hamburgers she can make that each weigh 0.3 pounds?

**8.** Mrs. Hector has 6 pieces of ribbon that she will use to make a wreath for her door. If each piece of ribbon is 12.2 centimeters long, how many total centimeters of ribbon does Mrs. Hector have?

**9.**  A store sells strawberries for $ 2.10 per pound. What would be the cost of 4 2/10 pounds of strawberries?

**A**  $ 8.82

**B**  $ 4.10

**C**  $ 8.80

**D**  $ 8.10

 **10.** Divide 120.24 ÷ 0.4

**11.** What statement best describes the definition of a reciprocal?

**A** It is a Fraction.

**B** Reciprocals are two numbers that have one as their product when multiplied with each other.

**C**  A multiplication problem.

**D**  Answer to an addition problem.