Show work. **SIMPLIFY ALL ANSWERS** for **Full Points**

1.  •  = 2. 5  ÷  = 3.  ÷ 15 = 4.  •  =

**CURE each word problem. Please include what the number represents and ask yourself, “Does my answer make sense?” for each problem.**

1. What is the quotient of $1\frac{1}{3}$and $\frac{2}{3}$ ?
2. Find the value of the expression: $2\frac{1}{8}÷\frac{1}{2}∙1\frac{1}{8}$
3. How wide is a rectangle if its area is $1\frac{5}{6}$ft2 and its length is $\frac{3}{4}$ft?
4. A container of pudding holds 4 cups. How many people will the container serve if each person receives $1\frac{1}{2}$ cups?
5. A piece of fabric is$12\frac{1}{4}$inches long. How many towels can be made if each towel requires $\frac{1}{3}$ of an inch?
6. Jordyn bought a 30 pound bag of dog food for her pets. Her dogs eat ¼ of a pound of food in the morning, and ⅓ of a pound of food at night. How many days will the bag of food last Jordyn’s pets?
7. Max has $\frac{7}{9}$ of his birthday cake leftover, and he wants to evenly split it among his 4 friends. How much of the cake will each friend get?
8. Steven says “I would rather have 5/9 of $72 than 4/6 because I will get more to spend.” Is he correct?
9. A rectangle measures 4 2/3 x 3 3/7 inches. What is its area? Give your answer as a simplified mixed number or as a whole number.
10. Your class had a pizza party. 3/8 of one pizza was left over, and 4/8 of another pizza was left over. You put them both into one box. How much pizza do you have altogether?
11. A cake recipe requires 3/5 cup of sugar for the frosting and 1/5 cup of sugar for the cake. How much sugar is that altogether?

1. After a party, 5/8 of the cake is left over. That night, big brother eats 1/3 of the cake that was left. How much is left over after that?
2. The Hubba Bubba Bubble Gum Tape is 6 feet long. How many 2¼ inch pieces can the tape be cut into?
3. Chris has a 3 ½ feet long board of wood. He needs to cut out 4 pieces that are each 2/3 foot long. Find the combined length of the 4 pieces. Does he have enough wood?

**Spiral Review:**

1. Find the GCF of 12 and 50

2. List the first 4 multiples of 8.

3. 5 to what power is 125? \_\_\_\_

4. Evaluate 9 - 5 ÷ (8 - 3) x 2 + 62