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 and ?
2. Find the value of the expression:
3. How wide is a rectangle if its area is ft2 and its length is ft?
4. A container of pudding holds 4 cups. How many people will the container serve if each person receives cups?
5. A piece of fabric isinches long. How many towels can be made if each towel requires 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 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