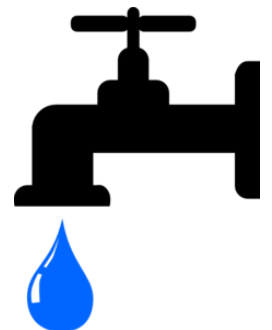Name:_____ Date:_____

Proportion Practice
For each problem you MUST show work/write an explanation to receive full credit. Do NOT just simply write the answer!

1. Isabella and Shane were comparing the amount of money they have in their savings account. The ratio of Isabella's account to Shane's account is 11:3. If Shane has $98 in his account how much does Isabella have?

2. The ratio of men to women working at Bells Ferry Elementary is 2:9. If twelve men work at Bells Ferry, how many women work there? How many people work there in total?

3. Ron has a leaky faucet in his house. He left a bucket under the faucet last night before he went to bed. Ron slept for eight hours and when he woke up he found that the bucket was full of 32 cups of water. How many cups of water drip each hour?

    b. Ron emptied the bucket and then went to work and the gym. He was gone for 10 hours. How much water will be in the bucket?

    c. If the bucket can hold 52 cups of water, how many total hours would it take for the bucket to be completely full?

4. In a recent study, it was found that 1 out of every 45 skittles were found to be missing the letter S printed on them. If you had a bag of 405 skittles how many skittles would you expect to be missing the letter S?

FLIP TO BACK!

5. Kurt gets paid $800 every two weeks. How much would he make in one year? (There are 52 weeks in a year).

6. Lee is tracking her daily steps with her fitbit. She wanted to see if her fitbit was accurately measuring her step count. Lee found that she walked 5 feet in 2 steps. How many steps would it take to walk a mile? (There are 5,280 feet in 1 mile)

b. Lee's fitbit measured her daily step count at 12,652 steps. How many miles did she walk?

c. How many steps would Lee need to take in order to have walked a 5K? (A 5K is 3.1 miles)

7. In a recent survey, 7 out of 10 people prefer coffee in the morning. The rest said they prefer tea. If 27 people said they prefer tea, how many people were interviewed?