**Directions:** Show all work. Identify your solution including units by circling it.

1. John has to travel 3 miles to school each day. He remembered that he left his science project at home when he was ¾ of the way to school.

a. How far did John travel before he realized he had left his project at home?

b. John then traveled back to school. How far did he travel in all?

1. My pancake recipe calls for 4 2/5 cups of ingredients. Flour is 1/3 of the ingredients. Milk is 2/5 of the ingredients.

a. How many cups of flour does my recipe require?

b. How much milk does the recipe use?

1. Mariel poured one cup of juice into her glass. She drank 2/5 of it and poured the rest out. How many ounces of juice did Mariel drink?
2. Mark used 1/8 of the milk container in his bowl of cereal. If he consumed 3/5 of the milk in his cereal bowl, how much of the original container of milk did Mark drink?
3. Mary ran 3 4/5 miles on Monday. On Tuesday she ran half as much as she did on Monday. On Wednesday Mary ran ½ of what she ran on Tuesday. How much did she run each day? How much did she run in total from Monday to Wednesday?

**Bonus:** Write and solve your own problem that mirrors the type of questions on this homework assignment.