

Name:

Date:

Answer each problem below and state why you added or subtracted.

1. Jack wants to mark off the distance around his rectangular garden with a string. The garden is 15 feet wide and 20 feet long. What is the **total** length of the string if Jack wants to put it all the way around the garden?
2. Carolyn **has** 2.5 cups of flour to make a cake. The recipe calls for 3.25 cups of flour. How much more flour does Carolyn **need**?
3. The distance from A to C is 21.8 inches long. The distance from A to B is 13.2 inches long. What is the distance from B to C? (**The rest of the distance?**)

$$\begin{array}{r} \text{A. } 13.2 \text{ in.} \quad \text{B. } ? \quad \text{C} \\ \hline \text{A. } \quad \quad \quad 21.8 \text{ in} \quad \quad \quad \text{C} \end{array}$$

4. Terry can clean $\frac{1}{3}$ of his house in 1 hour. Glen can clean $\frac{1}{2}$ of the same house in one hour. Working **together**, what part of the house can they clean in one hour? Convert your answer to a decimal and round off to the nearest tenth.
5. Sam plans to upholster some items. The items will require 2 and $\frac{1}{4}$ yards, 3 and $\frac{1}{8}$ yards, and 2 and $\frac{1}{3}$ yards. How many yards in **total** will they need? Round your answer to the nearest hundredth.
6. Saturn takes 29.46 years to orbit the sun, while Jupiter takes 11.86 years to orbit the Sun. How **much longer** does it take Saturn to go around the Sun than Jupiter?
7. There are fifty-five cars on the used-car lot. Twenty-three are made in the United States. The rest are foreign-made. How many foreign-made cars are on the lot? (**The rest?**)

Answers

- 1. 70 feet--This is an addition problem because the problem wants to know a total, and the numbers are different.**
- 2. .75 cup--This is a subtraction problem because it is a have and need problem.**
- 3. 8.6 inches--This is a subtraction problem because it wants to know what is the rest.**
- 4. .8 of an hour--This is an addition problem because the problem wants a total, and the numbers are different.**
- 5. 5.71 yards--This is an addition problem because the problem wants a total, and the numbers are different.**
- 6. 17.6 years--This is a subtraction problem because it is comparing two numbers.**
- 7. 32 cars--This is a subtraction problem because it wants to know what is the rest.**