



Name

Score

Solve and show all steps.

A recipe for 4 servings calls for 2 cups of flour. If you want to make 10 servings, how many cups of flour do you need?

If 5 notebooks cost \$12.50, how much would 8 notebooks cost at the same price per notebook?

On a map, 1 inch represents 20 miles. If two cities are 3.5 inches apart on the map, what is the actual distance between them in miles?

A flagpole casts a shadow 15 feet long. At the same time, a 5-foot tall person casts a shadow 3 feet long. How tall is the flagpole?

If a student can read 40 pages in 50 minutes, how many pages can they read in 75 minutes at the same rate?

In a school, 3 out of every 5 students walk to school. If there are 450 students in the school, how many students walk to school?

A car travels 180 miles in 3 hours. At this rate, how far will the car travel in 5 hours?

If 1 US dollar is equivalent to 0.92 Euros, how many US dollars would you get for 230 Euros?  
(Round to the nearest cent.)

A juice blend uses 3 parts orange juice for every 2 parts pineapple juice. If you use 15 cups of orange juice, how many cups of pineapple juice do you need?

A wildlife park has 12 lions in an area of 30 acres. If the park expands to 75 acres, and they want to maintain the same lion density, how many lions can the park accommodate?



Solve and show all steps.

You need **5 cups of flour**.

8 notebooks would cost **\$20.00**.

The actual distance is **70 miles**.

The flagpole is **25 feet tall**.

The student can read **60 pages**.

**270 students** walk to school.

The car will travel **300 miles**.

You would get approximately **\$250.00 US dollars**.

You need **10 cups of pineapple juice**.

The park can accommodate **30 lions**.