In Sheena’s homeroom, 3 of every 5 students have a dog for a pet. There are 30 students in Sheena’s homeroom. Write and solve a proportion that can be used to determine the number of students in Sheena’s homeroom who have a dog for a pet?

Carlos used 4 cubic yards of sand to fill his sandbox.

How many cubic feet of sand are in 4 cubic yards?

On a blueprint for a house, front of the house is shown as 12 in. wide and 14 in. tall. If the front of the actual house is 30 ft. wide, how tall is the house?

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Jenny has a snack mix. For every 2 chocolate chips, there are 6 peanuts. If there are 108 peanuts in mix, how many chocolate chips are in the mix?

A recipe for 1 batch of cookies requires 2⁄3 of a cup of cooking oil. How many cups of cooking oil would be required for 4 batches of cookies?

A 6-ounce box of strawberry gelatin costs $0.90 and a 3-ounce box costs $0.42. What is the difference in cost per ounce between the larger and the smaller boxes?

If it will cost $49 to purchase movie tickets for 7 people, how much will it cost to purchase tickets for 10 people?

What is the ratio of the amount of rainfall on Wednesday to the amount of rainfall on Friday?



Find the unit rate if Ramon drives his car 160 miles in 4 hours.

Find the unit rate if Alicia runs 9 miles in 3 hours.

In the last three years, Frederico’s basketball team won 30 more games than they lost. If they won 140 games, what was their ratio of wins to losses? Show the ratio in three different ways.