

NOTE SHEET - Examples of problems using rates

Given 1 foot = 12 inches. Rate → or

How many inches in 24 feet?

How many feet in 24 inches?

A car gets 25 miles per gallon of gasoline. Rate → or

How many gallons are needed to travel 100 miles?

How far can it travel on 100 gallons of gas?

You get paid \$12 an hour. Rate → or

How many hours do you need to work to make \$48?

How much would you get paid for 48 hours of work?

Oranges are being sold at a price of 3 for \$1. Rate → or

How much would 15 oranges cost?

How many oranges can you get for \$15?

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A school has a boy-to-girl ratio of 3 to 4. Rate → or

If there are 120 girls, how many boys are there?

If there are 120 boys, how many girls are there?

There are 24 hours in a day. Rate → or

How many days are in 48 hours?

How many hours are in 48 days?

Each student brings 4 apples. Rate → or

How many apples do 12 students bring?

How many students would we need to have 12 apples?

A pint is equal to 2 cups. Rate → or

How many pints are equal to 10 cups?

How many cups are equal to 10 pints?