

The ratio of an object's weight on Earth to its weight on the Moon is 6:1. The first person to walk on the Moon was Neil Armstrong. He weighed 165 pounds on Earth. How much did he weigh on the Moon?

27.5

A healthy diet follows the ratio for meat to vegetables of 2.5 servings to 4 servings. If you eat 7 servings of meat a week, how many servings of vegetables should you eat?

11.2

A 150-pound person will burn 100 calories while sitting still for 1 hour. Following this ratio, how many calories will a 100-pound person burn while sitting still for 1 hour?

66.6

Recently, 1 U.S. dollar was worth 1.58 in euros. If you exchanged \$25 at that rate, how many euros would you get?

39.50

Recently, 1 U.S. dollar was worth 0.69 English pound. If you exchanged 500 English pounds, how many dollars would you get?

725

To avoid dehydration, a person should drink 8 ounces of water for every 15 minutes of exercise. How much water should Hahn drink if he cycles for 135 minutes?

72

Leo has entered a reading contest to raise money for charity. His aunt has agreed to pay Leo \$0.13 for every 5 pages that he reads. If Leo reads 365 pages, how much money will his aunt donate to the charity?

\$9.49

Shane's neighbor pledged \$1.25 for every 0.5 miles that Shane swims in the charity swim-a-thon. If Shane swims 3 miles, how much money will his neighbor donate?

\$7.50

Barbara's goal is to practice piano 20 minutes for every 5 minutes of lessons she takes. If she takes a 20 minute piano lesson this week, how many minutes should she practice this week?

80

Jeff made 2 out of every 5 baskets he shot during basketball practice. If he took 25 shots, how many baskets did he make?

10

Tyra gets 2 quarters for every 3 newspapers she delivers. If she delivers 21 newspapers, how many quarters will she get? How much money is that in all?

14

Yolanda drove 50 miles in 2 hours at a constant speed. Use a proportion to find how long it would take her to drive 150 miles at the same speed.

6

Eight oranges cost \$1.00. How much will 6 dozen oranges cost?

49

A recipe calls for 2 eggs to make 10 pancakes. How many eggs will you need to make 35 pancakes?

7

A farmer can harvest 54 pounds of corn from each acre in his field. How much corn can he get from 12.5 acres?

675

A recipe for lasagna calls for 3 pounds of tomatoes to serve 5 people. A caterer wants to make enough lasagna to serve 110 people. How many pounds of tomatoes does he need?

66

Euros are currency used in several European countries. On one day in October 2005, you could exchange \$3 for about 2.5 euros. How many dollars would you have needed to get 8 Euros?

\$9.60

A 3-ounce serving of tuna fish provides 24 grams of protein. How many grams of protein are in a ~~10~~ 12-ounce serving of tuna fish?

12

96

Hooke's law states that the distance a spring is stretched is directly proportional to the force applied. If 20 pounds of force stretches a spring 4 inches, how much will the spring stretch if 80 pounds of force is applied?

160

Beeswax used in making candles is produced by honeybees. The honeybees produce 7 pounds of honey for each pound of wax they produce. How many pounds of honey is produced if 145 pounds of beeswax?

1015

For every 5 books her students read, Mrs. Fenway gives them a free homework pass for 4 days. Juan has accumulated homework passes for 12 days so far. How many books has Juan read?

15

In his last 13 times at bat in the township baseball league, Santiago got 8 hits. If he is at bat 65 times for the season, how many hits will he get if his average stays the same?

40

A 12-pack of 8-ounce juice boxes costs \$5.40. How much would an 18-pack of juice boxes cost if it is proportionate in price?

\$8.10

Jeanette can swim 105 meters in 70 seconds. How far can she probably swim in 30 seconds?

45