

In a bag of red and green sweets, the ratio of red sweets to green sweets is 3:4. If the bag contains 120 green sweets, how many red sweets are there?

John has 30 marbles, 18 of which are red and 12 of which are blue. Jane has 20 marbles, all of them either red or blue. If the ratio of the red marbles to the blue marbles is the same for both John and Jane, then John has how many more blue marbles than Jane?

A recipe uses 5 cups of flour for every 2 cups of sugar. If I want to make a recipe using 8 cups of flour. How much sugar should I use?

A special cereal mixture contains rice, wheat and corn in the ratio of 2:3:5. If a bag of the mixture contains 3 kilograms of rice, how much corn does it contain?

Clothing store A sells T-shirts in only three colors: red, blue and green. The colors are in the ratio of 3 to 4 to 5. If the store has 20 blue T-shirts, how many T-shirts does it have altogether?

There are a total of 42 computers. Each computer runs one of three operating systems: OSX, Windows, Linux. The ratio of the computers running OSX, Windows, Linux is 2:5:7. Find the number of computers that are running each of the operating systems.

There were 90 teddy bears in a shop yesterday. The ratio of teddy bears to toy cars was 6:11. After a wholesale order of a box of toy cars arrived at the shop, the ratio of the number of teddy bears to toy cars became 3:8. How many toy cars arrived in the box?

Three water hoses from three different taps are used to fill a large swimming pool. The 1st hose alone takes 200 hours to fill the pool. The second hose alone takes 120 hours to fill the pool and the 3rd hose alone takes only 50 hours to fill the pool. How long would it take to fill the pool if all three hoses are used?

Three bricklayers, Maric, Hugh and Ethan, are cladding a new home. If Maric works alone, the job would take him eight days to complete. If Hugh works alone, the job would take him six days to complete, and if Ethan works by himself, the job would take him 12 days to complete. If the three men work together, how long will it take them to complete the job?