

1. In a stairway there are 36 steps of equal height. If each step were 1 inch higher, there would have been 32 steps. How high is each step?

Find the ratio of a to b if: $\frac{2a + 3b - 3c}{a - 2b - 4c} = \frac{3}{4}$

3 tabs cost the same as 5 taps, while 10 tabs cost the same as 7 tops. If 25 taps cost \$16, find the cost of 105 tops.

An 8-foot piece of tin is to be cut into three pieces in the ratio of 1:2:3. How long will the middle sized piece be if the cut is made by a pair of tin snips. Give answer in feet and inches.

1. Find x , if the ratio of x to 36 is equal to the ratio of 4 to x .

1. At the Sweet Shop, one can buy 8 Pips for a dime, 4 Quips for a quarter, and 13 Rips for a nickel. How many Rips can be purchased for the same cost as what one would pay for a total of 40 Pips and 40 Quips?

Given: $\frac{a}{b} = 2$, $\frac{a}{c} = 12$, and $\frac{a}{d} = 2$, find the value of $\frac{ab}{cd}$

If 3 pips = 5 pops and 7 pops = 9 paps, how many pips are in 105 paps?

Allen, Brent and Carla altogether have \$5.00, in a ratio respectively of 2:3:5. How much money does Brent have?

At a recent meeting, shoe styles were noticed. For every person wearing sneakers, there were two wearing dress shoes. For every two people wearing sandals, there were three people wearing dress shoes. What is the ratio of sandals to sneakers?