Example: A Recipe for pancakes uses 3 cups of flour and 2 cups of milk.

So the ratio of flour to milk is 3:2

To make pancakes for a LOT of people we might need 4 times the quantity, so we multiply the numbers by 4:

$$3 \times 4 : 2 \times 4 = 12 : 8$$

In other words, 12 cups of flour and 8 cups of milk.

The ratio is still the same, so the pancakes should be just as yummy.

Multiply or divide both sides of a ratio by the same number to create an equivalent ratio

NOTE:

Not allowed to

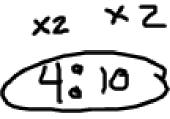
add or subtract

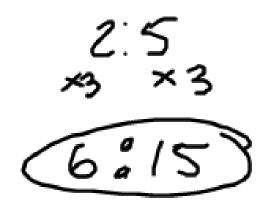
on both sides

of a ratio

P9 272 Example 1

Write 3 ratios equivalent to 2:5.





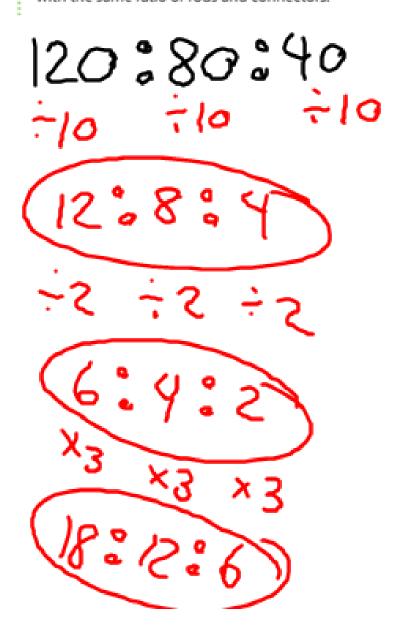
2:5 ×7 ×7 (14:35) Example 2

Write 3 ratios equivalent to 36:6.

Example 3

Construction kits come in different sizes.

The regular kit contains 120 long rods, 80 short rods, and 40 connectors. List 3 other kits that could be created with the same ratio of rods and connectors.



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