

How to find equivalent ratios by multiplying or dividing

To make an equivalent ratio, both terms must be multiplied or divided by the same number.

x by same number

Follow this example: $4 : 9 = 8 : \square$

x by 2

Simplify these ratios:

1 $2 : 5 = 8 : \square$	7 $\frac{4}{5} = \frac{\square}{20}$	13 $\frac{15}{6} = \frac{\square}{2}$
2 $3 : 10 = 6 : \square$	8 $\frac{18}{30} = \frac{\square}{10}$	14 $\frac{24}{32} = \frac{\square}{4}$
3 $12 : 8 = \square : 4$	9 $\frac{24}{60} = \frac{\square}{20}$	15 $\frac{64}{24} = \frac{\square}{96}$
4 $15 : 9 = \square : 3$	10 $\frac{48}{30} = \frac{\square}{6}$	16 $\frac{56}{54} = \frac{\square}{9}$
5 $\square : 10 = 6 : 120$	11 $\frac{5}{7} = \frac{\square}{175}$	17 $\frac{448}{84} = \frac{\square}{6}$
6 $12 : \square = 144 : 4$	12 $\frac{64}{832} = \frac{\square}{26}$	18 $\frac{5616}{54} = \frac{\square}{312}$