

# EQUIVALENT RATIOS

# ANSWERS

EVEN THOUGH RATIOS MIGHT LOOK DIFFERENT, LIKE A FRACTION THEY CAN STILL BE EQUAL OR EQUIVALENT.

$$\frac{6}{4} = \frac{3}{2} = \frac{12}{8} = \frac{72}{48} = \frac{6}{4} = \frac{30}{20} = \frac{3}{2}$$

Operations shown above the fractions:  $\div 2$ ,  $\times 4$ ,  $\times 6$ ,  $\div 12$ ,  $\times 5$ ,  $\div 10$

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THESE RATIOS ARE EQUIVALENT. BOTH NUMBERS ARE ALWAYS MULTIPLIED OR DIVIDED BY THE SAME NUMBER.

Fill in the blanks to complete the equivalent ratios.

1.  $\frac{36}{12} = \frac{3}{1} = \frac{12}{4} = \frac{60}{20}$

Operations:  $\div 12$ ,  $\times 4$ ,  $\times 5$

7.  $\frac{1}{14} = \frac{8}{112} = \frac{48}{672} = \frac{4}{56}$

2.  $\frac{5}{9} = \frac{40}{72} = \frac{10}{18} = \frac{80}{144}$

8.  $\frac{15}{18} = \frac{375}{450} = \frac{125}{150} = \frac{5}{6}$

3.  $\frac{44}{22} = \frac{4}{2} = \frac{52}{26} = \frac{104}{52}$

9.  $\frac{20}{3} = \frac{400}{60} = \frac{40}{6} = \frac{80}{12}$

4.  $\frac{12}{4} = \frac{3}{1} = \frac{60}{20} = \frac{12}{4}$

10.  $\frac{8}{5} = \frac{320}{200} = \frac{80}{50} = \frac{40}{25}$

5.  $\frac{8}{13} = \frac{72}{117} = \frac{144}{234} = \frac{48}{78}$

11.  $\frac{16}{14} = \frac{192}{168} = \frac{8}{7} = \frac{64}{56}$

6.  $\frac{60}{72} = \frac{10}{12} = \frac{120}{144} = \frac{20}{24}$

12.  $\frac{14}{30} = \frac{7}{15} = \frac{224}{480} = \frac{28}{60}$