Proportion: An equation stating that two ratios are equivalent

$$\frac{a}{b} = \frac{c}{d}$$

How to determine if ratios are proportional:

Simplify both sides to see if they are equal

EX:
$$\frac{2}{7}$$
 and $\frac{6}{21}$

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Determine if the ratios are proportional:

Ex(a):
$$\frac{8}{24}$$
 and $\frac{6}{20}$ $\frac{3}{10}$ $\frac{3}{10}$

Determine if the ratios are proportional:

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Determine if the ratios are proportional:

$$\frac{192}{256} = \frac{48}{64}$$
 $\frac{3}{4}$
 $= \frac{3}{4}$
(Yes)

Solving Proportions: You can solve for a missing part of a proportion if you know the other 3 parts.



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Ex 2:

