6.1 Ratio

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Ratio: a Relationship between 2 Numbers through Division

Show the Ratio between 3 & 2.

$\frac{3}{2} = 3 \div 2 = 3:2 = 1.5$

3 to 2

What is the Ratio that Compares 14 to 100

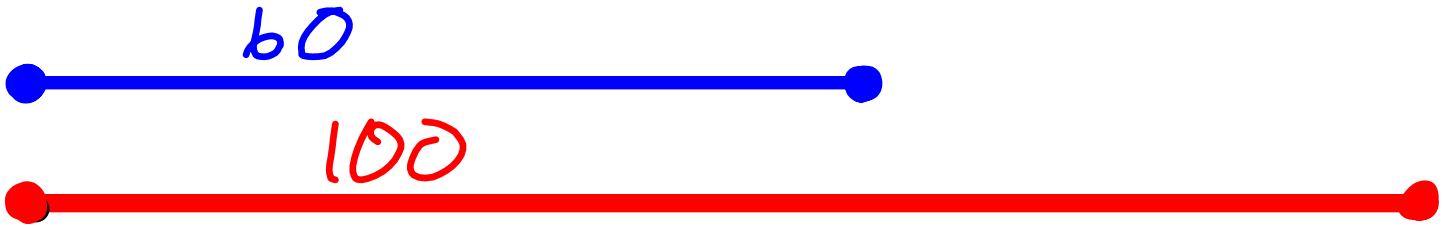
$$\frac{14}{100} = \frac{7}{50}$$

$14:100 \Leftrightarrow 7:50$

equivalent Ratios

$$\frac{7}{50} = \frac{14}{100} = \frac{28}{200}$$

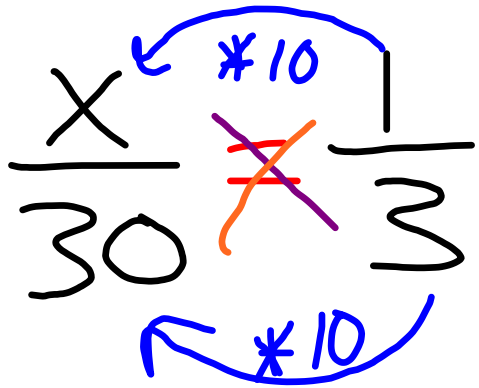
But $\frac{7}{50}$ is in the Simplest form



Write a Ratio that compares the lengths in Simplest Form.

⑧ $\frac{60}{100} = \frac{6 \times 10}{10 \times 10} = \frac{3}{5}$

Find the Value of x to make the Ratio $\frac{x}{30}$ equal to $\frac{1}{3}$



$x \cdot 3 = 30 \cdot 1$

$\frac{3x}{3} = \frac{30}{3}$

$x = 10$

$x = 10$

O.T.L.

① Pg 177: written: 1-5(a)

Pg 178: 6-20(e); 21-26(a)