

5-3 Algebra: Percent Proportion

$$\begin{array}{l} \text{is} \\ \text{of} \end{array} \frac{\text{Part}}{\text{Whole}} = \frac{\quad}{100} \qquad \frac{2}{5} = \frac{40\%}{100} = 40\%$$

Two is what ^{40%} percent of 5 =

$$\begin{array}{l} \text{is} \\ \text{of} \end{array} \frac{2}{5} = \frac{40}{100} \quad 40\%$$

$$\begin{array}{l} \text{is } \frac{22}{110} = \frac{20}{100} \quad 20\% \\ \text{of} \end{array}$$

$$\frac{7}{10} = \frac{70}{100} \quad 70\%$$

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$$\frac{\textcircled{400}}{7} = \frac{80}{100}$$

$$\frac{94}{105.6} = \frac{89}{100}$$

$\approx 106 \text{ days}$

$$\frac{\cancel{20}70}{\cancel{28}280} = \frac{n}{100} \quad n = \textcircled{25\%}$$

$$\frac{60}{100} = \frac{67}{90} = \textcircled{54}$$

$$250 = \frac{150}{100} \rightarrow \frac{60}{100} \quad \frac{70}{49} = \frac{14}{100} = 14.3\%$$

$$\frac{200}{100} = 2.5 \quad n = 145$$

$$\frac{125}{x} = \frac{30}{100} \quad \frac{12500}{30} \quad x = 416.7$$

$$\frac{\text{is}}{\text{of}} = \frac{\%}{100}$$

38.) counter example

10 = my number

$$0.10(10) = 1$$

$$\begin{array}{r} 10 \\ + 1 \\ \hline 11.0 \text{ sum} \\ - 1.1 \\ \hline 9.9 \end{array}$$

$$11(0.10) = 1.1$$

No