

Ch. 7 Review

Example 1. $\frac{70 \div 10}{100 \div 10} = \frac{7}{10}$

Example 2

$$\frac{30 \times s = 150}{20 \times s = 100} \quad (150?)$$

$$\frac{\text{numerator}}{\text{denominator}} = 1.50 \quad 150?$$

$$14.) 0.45 \boxed{?}$$

$$\frac{0.45}{100}$$

$$0.\overbrace{00}^{\text{two zeros}},45$$

$$\frac{45}{10,000} =$$

$$\frac{9}{2,000}$$

16.) 212 %.

$$\frac{212}{100} = 2.12 \quad \left(2\frac{3}{25} \right)$$

Example 3)

8 %

$$\frac{8}{100} = 0.08$$

Example 4)

0.36

36%

 $\frac{36}{100}$

36%

34.)

0.2	$\frac{1}{4}$	$79. = \frac{7}{100}$
0.2	0.25	0.07

largest

Percent Proportion

$$\frac{\text{(part)}}{\text{(whole)}} = \frac{\text{is}}{\text{of}} = \frac{\%}{100}$$

$$\frac{36}{\text{of ?}} = \frac{24}{100}$$

$$36.) \quad \frac{\text{is}}{130} = \frac{63}{100}$$

$$38.) \quad \frac{P}{120} = \frac{30}{100}$$

$$40\% = \frac{2}{5} \text{ of } 90$$

$$\frac{2}{5} \times \frac{90}{1} = \textcircled{36}$$

Estimate

$$78\% \approx 75\% \text{ of } 112$$
$$\frac{3}{4} \cdot \frac{112}{1} = 84$$

19.

$$\frac{1}{100} = 0.01$$

$$\begin{array}{r} 167 \\ \times 0.01 \\ \hline 1.67 \end{array}$$

1.67

1.67

130% of 250

100% of 250 = 250

$$\frac{3}{10} \cdot \frac{250}{1} = \frac{75}{1}$$
$$\begin{array}{r} 250 \\ + 75 \\ \hline 325 \end{array}$$

Equation
15 =
 Example of X
 8-9

$$\frac{84}{0.6} = \frac{0.6n}{0.6} \quad \begin{array}{l} D|U \\ \hline \cdot 0.6 | \div 0.6 \end{array}$$

$$\textcircled{140} = n$$

48.)

$$\frac{17}{68} = p \frac{68}{68} \quad \begin{array}{l} D|U \\ \hline \cdot 68 | \div 68 \end{array}$$

$$25 = p$$

$$\textcircled{25\%}$$

$$50.) \quad \frac{55}{0.20} = \frac{0.20}{0.20} n$$
$$\textcircled{275} = n$$

$$\frac{D}{u}$$
$$\cdot 0.2 \mid \div 0.2$$

$$\frac{14.00}{17.50} = p \frac{17.50}{17.50}$$