

Common Conversions

$$25/100 = 0.25 = \frac{1}{4}$$

$$50/100 = 0.5 = \frac{1}{2}$$

$$75/100 = 0.75 = \frac{3}{4}$$

Calculating Percentages of an Amount.

$$25\% \text{ of } 40 =$$

$$25\% = \frac{\quad}{100} =$$

$$40 \times \frac{\quad}{100} =$$

(Convert percentage to a decimal)

$$25\% \times 40 =$$

$$\frac{\overset{\div}{25} \times 40}{100 \quad 1} = \frac{\overset{\div}{1} \times \cancel{40}}{\cancel{4} \quad 1} = \frac{10}{1} = 10$$

$$20\% \text{ of } 60 =$$

$$20\% = \frac{\quad}{100} =$$

$$60 \times \frac{\quad}{100} =$$

(Convert percentage to a decimal)

$$20\% \times 60 =$$

$$\frac{\overset{\div}{20} \times 60}{100 \quad 1} = \frac{\overset{\div}{2} \times \cancel{60}}{\cancel{10} \quad 1} = \frac{12}{1} = 12$$

$$35\% \text{ of } 44 =$$

$$35\% = \frac{\quad}{100} =$$

$$44 \times \frac{\quad}{100} =$$

(Convert percentage to a decimal)

$$35\% \times 44 =$$

$$\frac{\overset{\div}{35} \times 44}{100 \quad 1} = \frac{\overset{\div}{7} \times \cancel{44}}{\cancel{20} \quad 1} = \frac{308}{1} = 308$$

$$16\% \text{ of } 25 =$$

$$75\% \text{ of } 44 =$$

$$25\% \text{ of } 120 =$$

$$32\% \times 50 =$$

$$50\% \text{ of } 36 =$$

$$85\% \text{ of } 200 =$$