

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)

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

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

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

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

(Convert percentage to a decimal)

$$20\% \times 60 =$$
$$\frac{\overset{\div}{20} \times 60}{100} = \frac{\overset{\div}{2} \times \cancel{60}}{\cancel{10} \quad 1} = \frac{120}{100} = 1.2$$

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

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

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

(Convert percentage to a decimal)

$$35\% \times 44 =$$
$$\frac{\overset{\div}{35} \times 44}{100} = \frac{\overset{\div}{7} \times \cancel{44}}{\cancel{20} \quad 1} = \frac{308}{100} = 3.08$$

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

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

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

$32\% \times 50 =$

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

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