

Type One: Finding a percentage of a number.

Example One: 75% of 24 Cards

$$75\% = \frac{3}{4}$$

(change percentage into a fraction)

So $\frac{3}{4}$ of 24 Cards.

$$4 \overline{) 24} \begin{array}{r} 06 \\ \hline \end{array}$$

} Divide by bottom of fraction

$$6 \times 3 = 18$$

} Multiply by top of fraction.

So $\frac{3}{4}$ of 24 Cards = 18 cards.

Example Two: 41% of 200 kg.

$$41\% = \frac{41}{100}$$

(change percentage into a fraction)

So $\frac{41}{100}$ of 200 kg

$$100 \overline{) 200} \begin{array}{r} 2 \\ \hline \end{array}$$

} divide by bottom of fraction

$$41 \times 2 = 82$$

} Multiply by top of fraction

So 41% of 200 kg = 82 kg.