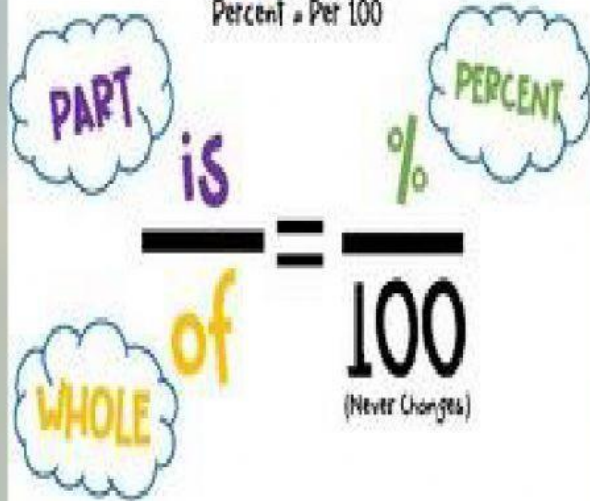


# Finding Percent

Percent = Per 100



## Percent of a Number

What is 35% of 80?

$$\frac{35}{100} \times 80 = 28$$

$$0.35 \times 80 = 28$$

**Finding a Percent of a Number** The activity above suggests two ways to find a percent of a number.

- Change the percent to a fraction and multiply by the number.
- Change the percent to a decimal and multiply by the number.

### EXAMPLE 1 Finding a Percent of a Number

a. Find 75% of 60. Use a fraction.    b. Find 10% of 74. Use a decimal.

$$\begin{aligned} 75\% \text{ of } 60 &= \frac{3}{4} \times 60 \\ &= \frac{180}{4} \\ &= 45 \end{aligned}$$

**ANSWER** 75% of 60 is 45.

$$\begin{aligned} 10\% \text{ of } 74 &= 0.1 \times 74 \\ &= 7.4 \end{aligned}$$

**ANSWER** 10% of 74 is 7.4.