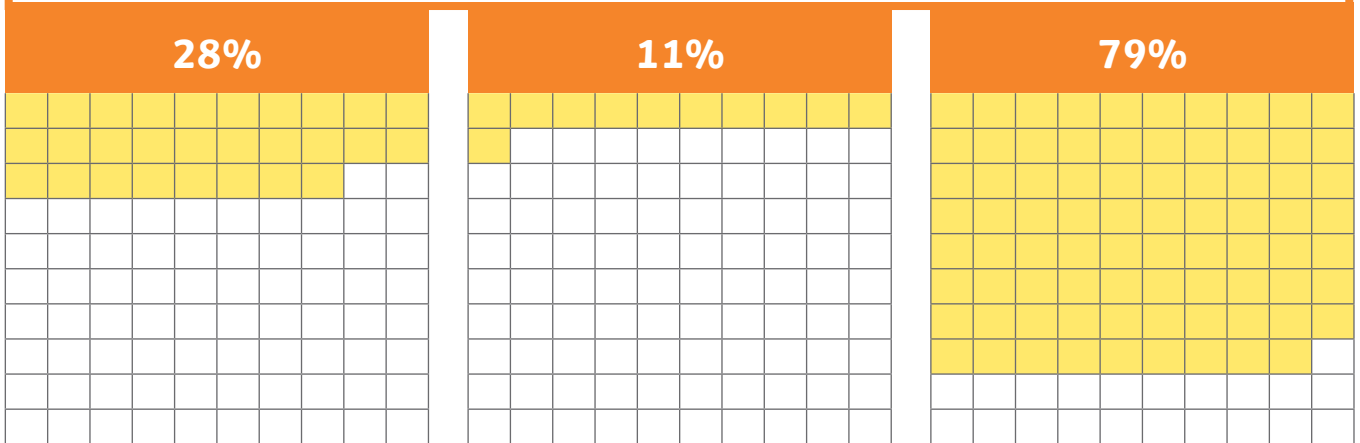


# Finding Percentages of Amounts

The word percent comes from the Latin words **per** and **cent** meaning 'out of every 100'. The symbol for percent is %.



Use one of these methods to find a percentage of an amount.

## Convert to a Decimal

### Find 30% of 80

1. Convert the percentage into a decimal.

$$30 \div 100 = 0.3$$

2. Multiply the amount by the decimal.

$$80 \times 0.3 = 24$$

$$30\% \text{ of } 80 = 24$$

## Finding 10%

### Find 70% of 60

1. Find 10% by dividing the amount by 10.

$$60 \div 10 = 6$$

2. Multiply this answer by the number of tens in the percentage.

$$6 \times 7 = 42$$

$$70\% \text{ of } 60 = 42$$

## Finding 1%

### Find 18% of 250

1. Find 1% by dividing the amount by 100.

$$250 \div 100 = 2.5$$

2. Multiply this answer by the number of the percentage.

$$2.5 \times 18 = 45$$

$$18\% \text{ of } 250 = 45$$