

Chapter 5 (p. 266)

**scale**

The ratio between two sets of measurements.

1 cm : 5 mi

Chapter 5 (p. 266)

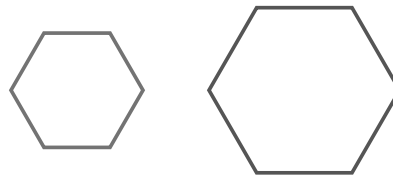
**scale factor**

The ratio used to enlarge or reduce similar figures.

Chapter 5 (p. 258)

**similar**

Figures with the same shape but not necessarily the same size are similar.



Chapter 5 (p. 236)

**unit rate**

A rate in which the second quantity in the comparison is one unit.

10 cm per minute

Chapter 6 (p. 312)

**interest**

The amount of money charged for borrowing or using money, or the amount of money earned by saving money.

Chapter 6 (p. 286)

**percent**

A ratio comparing a number to 100.

$$45\% = \frac{45}{100}$$

Chapter 6 (p. 308)

**percent of change**

The amount stated as a percent that a number increases or decreases.

Chapter 6 (p. 308)

**percent of decrease**

A percent change describing a decrease in a quantity.

An item that costs \$8 is marked down to \$6. The amount of the decrease is \$2 and the percent of decrease is

$$\frac{2}{8} = 0.25 = 25\%$$