

* 3.2. Percentages

Remember

The hundredths grid represents 1 whole.

Here are 4 ways to describe the green part of the grid.

- ✎ Compare the number of green squares to the total number of squares:

45 out of 100 squares are green.

- ✎ Write a fraction.

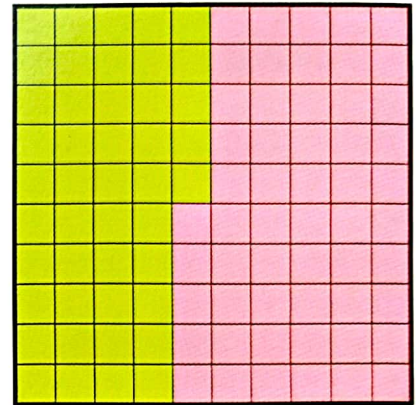
$\frac{45}{100}$ of the grid is green.

- ✎ Write a decimal.

0.45 of the grid is green.

- ✎ Write a percent.

45% of the grid is green.



Percent is another name for hundredths.

Per cent means 'out of 100'.

$$50\% \text{ is } \frac{50}{100} = \frac{1}{2}$$

$$10\% \text{ is } \frac{10}{100} = \frac{1}{10}$$

To find a percentage of a quantity, express the percentage as a fraction, multiply the quantity by the fraction.

Example: Find 10% of 350

$$10\% = \frac{1}{10}$$

$$350 \div 10 = 35$$