

## 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.

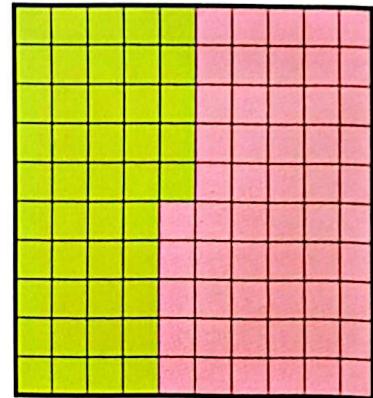
$\frac{45}{100}$  of the grid is green.

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

10% 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

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

$$350 \div 10 = 35$$