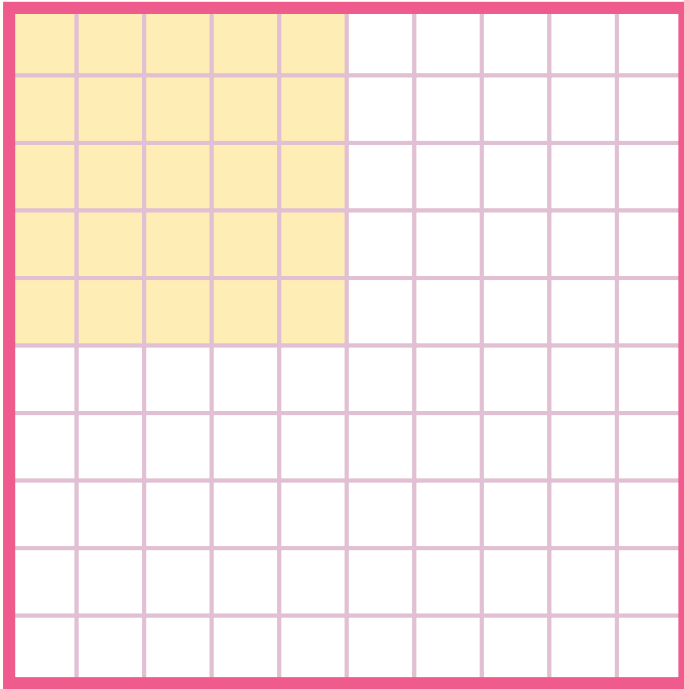


Percent



25%

$$= \frac{25}{100} = \frac{1}{4} = 0.25$$

“Percent” means out of a hundred. Shade 25 of the 100 squares — a quarter of the grid — and you have shaded 25%.

A percent of a number

20% of 60

$$= \frac{20}{100} \times 60 = 12$$

The 10% shortcut

10% is $\div 10$

$$10\% \text{ of } 60 = 6, \text{ so } 20\% = 12$$

Worth knowing by heart

$$10\% = \frac{1}{10} \cdot 25\% = \frac{1}{4}$$

$$50\% = \frac{1}{2} \cdot 75\% = \frac{3}{4}$$

A percent is a fraction with 100 underneath. To take a percent of a number, write it as that fraction and multiply — or find 10% first and scale up.