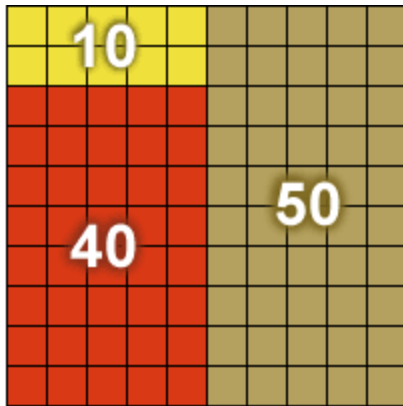




Percentages that add up to 100



This large square is made up of **100 small parts**:

10 parts are yellow.
So **10%** of the large square is yellow.

40 parts are red.
So **40%** of the large square is red.

50 parts are brown.
So **50%** of the large square is brown.

If you add up the percentages for all the parts you get:

$$10\% + 40\% + 50\% = 100\%$$

So together the parts of the whole square add up to 100%.

Percentage parts always add up to 100%

Example

51% of babies born are boys. What percentage are girls?

To find the answer take 51 from 100:

$$100 - 51 = 49$$

So 49% of babies are girls.

Example

In 2001, 60% of the population voted in the general election. What percentage did not vote?

To find the answer take 60 from 100:

$$100 - 60 = 40$$

So 40% did not vote.

Example

A breakfast cereal provides 55% of the daily requirement of iron. What percentage of iron must be found in other foods?

To find the answer take 55 from 100:

$$100 - 55 = 45$$

So 45% must be found in other foods.