



## Activity 2



Demonstrate your understanding of binary representations.

If you have two bulbs, you can make four different combinations:

0 OFF	0 OFF	0 OFF	1 ON	1 ON	0 OFF	1 ON	1 ON

Work out how many combinations of 0s and 1s you can make with a group of:

Three light bulbs — the first combination has been given to help you get started



Answer: ..... .

Four light bulbs

Answer: .....

**LIVEWORKSHEETS**