

Activity 2



Demonstrate your understanding of binary representations.

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

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