

Function machines 1

Resource sheet 2a



Here are eight function machines.

Task 1

Using two function machines, work out how to make an output of 16 if you start with an input of 5.

Try using three function machines to get the same output.

Now try using four function machines.

Keep going – see how many function machines you can use.

Task 2

How many different outputs can you make with an input of:
10 using two function machines?
10 using three function machines?
10 using four function machines?

Challenge

Can you use all eight function machines to turn 5 into 16?