

Find a Rule – One Step

5a. Using the function below, match the inputs to the correct outputs.

Function:
 $\div 3$

Inputs:

84

105

69

Outputs:

23

28

35



VF

Find a Rule – One Step

5b. Using the function below, match the inputs to the correct outputs.

Function:
 $\times 8$

Inputs:

17.5

15

15.5

Outputs:

140

124

120



VF

6a. Circle the function being used in the function machine below.

Inputs:

6

4.2

Function:

?

Outputs:

4.5

2.7

- 1.7

$\div 2$

- 1.5



VF

6b. Circle the function being used in the function machine below.

Inputs:

7.1

8

Function:

?

Outputs:

42.6

48

$\times 4$

$\times 6$

$\times 7$



VF

7a. Work out the missing inputs and outputs for the function machine below.

Inputs:

114

Function:

$\div 6$

Outputs:

56



VF

7b. Work out the missing inputs and outputs for the function machine below.

Inputs:

109

Function:

+ 47

Outputs:

123



VF

8a. Tick the incorrect outputs below.

Inputs:

49

63

43

Function:

- 57

Outputs:

-8

7

-15



VF

8b. Tick the incorrect inputs below.

Inputs:

96

207

-12

Function:

+ 79

Outputs:

174

286

68



VF

Find a Rule – One Step

9a. Using the function below, match the inputs to the correct outputs.

Function:
 $\div 7$

Inputs:

98

168

84

Outputs:

12

24

14



VF

Find a Rule – One Step

9b. Using the function below, match the inputs to the correct outputs.

Function:
 $\times 9$

Inputs:

37

42

47

Outputs:

333

423

378



VF

10a. Circle the function being used in the function machine below.

Inputs:

18.7

14.2

Function:

?

Outputs:

9.6

5.1



$- 5.7$

$\div 3$

$- 9.1$

VF

10b. Circle the function being used in the function machine below.

Inputs:

5.3

8.2

Function:

?

Outputs:

37.1

57.4



$\times 5$

$\times 7$

$+ 31.7$

VF

11a. Work out the missing inputs and outputs for the function machine below.

Inputs:

57

Function:

$- 73$

Outputs:

$- 13$



VF

11b. Work out the missing inputs and outputs for the function machine below.

Inputs:

$\frac{1}{2}$

Function:

$- 0.7$

Outputs:

$- 1.3$



VF

12a. Tick the incorrect outputs below.

Inputs:

3.2

$- 6.7$

4.4

Function:

$- 0.9$

Outputs:

2.5

$- 5.8$

3.5



VF

12b. Tick the incorrect inputs below.

Inputs:

8.9

$\frac{3}{8}$

$- 12$

Function:

$\times 8$

Outputs:

71.1

3.5

$- 96$



VF