## Mobius Math Club



Math worksheet on 'Run of a Line from Coordinates of Points Given as Function Outputs (Level 2)'. Part of a broader unit on 'Line Equations and Graphing -Practice'

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2 Find the run of the line (change in x) between 2 and 3 given the two values for y = f(x)

$$f(2) = 0$$

$$f(3) = 4$$

а	b	C	d	е	f
0	0.6	-1	1.2	4	1

4 Find the run of the line (change in x) between 5 and 6 given the two values for y = f(x)

$$f(5) = 0$$
  
 $f(6) = 7$ 

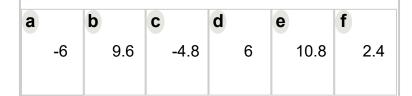
$$f(6) = 7$$

а	b	C	d	е	f
0.6	1.8	7	-1	1	2.6

**6** Find the run of the line (change in x) between 3 and 9 given the two values for y = f(x)

$$f(3) = 10$$

$$f(9) = 5$$



1 Find the run of the line (change in x) between 1 and 2 given the two values for y = f(x)

$$f(1) = 9$$

$$f(2) = 4$$

а	b	C	d	е	f
-5	1.8	-1	1	1.6	1.4

3 Find the run of the line (change in x) between 6 and 10 given the two values for y = f(x)

$$f(6) = 4$$

$$f(10) = 7$$

a	b	C	d	е	(f)
-4	5.6	4	4.8	6.4	<b>f</b> -1.6

**5** Find the run of the line (change in x) between 4 and 10 given the two values for y = f(x)

$$f(4) = 0$$

$$f(10) = 5$$

а	b	C	d	е	f
-6	-18	1.2	-5	-2.4	6

**7** Find the run of the line (change in x) between 3 and 5 given the two values for y = f(x)

$$f(3) = 4$$

$$f(3) = 4$$
  
 $f(5) = 9$ 

а	b	C	d	е	f
-0.4	-5	-2	-1.2	8.0	2