



Rise of a Line from Coordinates of Points Given as Function Outputs

1 Find the rise of the line (change in y) between 9 and 10 given the two values for $y = f(x)$

$$\begin{aligned} f(9) &= 1 \\ f(10) &= 5 \end{aligned}$$

A	B	C	D	E	F
-4	11.2	4	9.6	1	-2.4

2 Find the rise of the line (change in y) between 8 and 9 given the two values for $y = f(x)$

$$\begin{aligned} f(8) &= 3 \\ f(9) &= 5 \end{aligned}$$

A	B	C	D	E	F
-2	1	2	0.8	4.8	3.2

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

$$\begin{aligned} f(3) &= 9 \\ f(7) &= 10 \end{aligned}$$

A	B	C	D	E	F
1.6	0.4	0.2	1	4	3

4 Find the rise of the line (change in y) between 1 and 8 given the two values for $y = f(x)$

$$\begin{aligned} f(1) &= 0 \\ f(8) &= 5 \end{aligned}$$

A	B	C	D	E	F
5	7	4	2	-5	-1

5 Find the rise of the line (change in y) between 0 and 7 given the two values for $y = f(x)$

$$\begin{aligned} f(0) &= 1 \\ f(7) &= 4 \end{aligned}$$

A	B	C	D	E	F
3.6	-3	1.8	2.4	3	7

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

$$\begin{aligned} f(3) &= 2 \\ f(9) &= 10 \end{aligned}$$

A	B	C	D	E	F
3.2	8	16	-8	6	0

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

$$\begin{aligned} f(4) &= 1 \\ f(5) &= 4 \end{aligned}$$

A	B	C	D	E	F
-3	3	1	0	6.6	-0.6

8 Find the rise of the line (change in y) between 3 and 7 given the two values for $y = f(x)$

$$\begin{aligned} f(3) &= 0 \\ f(7) &= 2 \end{aligned}$$

A	B	C	D	E	F
-2	2	2.4	4	2.8	-0.8