

32C – Rate of Change on a Tables of Values

The rate of change is the change in the output ( $y$ ) divide by the change in the input ( $x$ ). **Find the rate of change.**

1.

Time (days)	Cost (\$)
3	75
4	100
5	125
6	150

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

2.

Time (hours)	Distance (miles)
4	260
6	390
8	520
10	650

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

3.

Inputs ( $x$ )	Outputs ( $y$ )
-2	-6
-1	-4
0	-2
1	0
2	2

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

4.

Inputs ( $x$ )	Outputs ( $y$ )
0	11
2	8
4	5
6	2
8	-1

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

5.

Inputs ( $x$ )	Outputs ( $y$ )
0	-3
1	2
4	17
7	32

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

6.

Inputs ( $x$ )	Outputs ( $y$ )
-7	4
2	4
5	4

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

7.

Inputs ( $x$ )	Outputs ( $y$ )
5	11
3	7
-4	-7

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

8.

Inputs ( $x$ )	Outputs ( $y$ )
-3	20
-3	-6
-3	4
-3	9

Change in  $y$ : \_\_\_\_\_  
Change in  $x$

Rate of Change: \_\_\_\_\_

