



Identify the rate of change.

1)  $Y=8 \times X-9$

2)  $Y=2 \times X+(X-6)$

3)  $Y=9 \times X \times (X-5)$

4)  $Y=5 \times X-(X-2)$

5)  $Y=7 \times X \times 5$

6)  $Y=8 \times X+(X \times -1)$

7)  $Y=9 \times X-(X \times 9)$

8)  $Y=-X$

9)  $Y=9 \times X+(X \times 4)$

10)  $Y=6 \times X-(X \times -1)$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Identify the rate of change.

1)  $Y=8 \times X-9$

X	Y	ROC
-1	-17	8
0	-9	8
1	-1	8
2	7	8

2)  $Y=2 \times X+(X-6)$

X	Y	ROC
-1	-9	3
0	-6	3
1	-3	3
2	0	3

3)  $Y=9 \times X \times (X-5)$

X	Y	ROC
-1	54	-72
0	0	-72
1	-36	-18
2	-54	-117

4)  $Y=5 \times X-(X-2)$

X	Y	ROC
-1	-2	4
0	2	4
1	6	4
2	10	4

5)  $Y=7 \times X \times 5$

X	Y	ROC
-1	-35	35
0	0	35
1	35	35
2	70	35

6)  $Y=8 \times X+(X \times -1)$

X	Y	ROC
-1	-7	7
0	0	7
1	7	7
2	14	7

7)  $Y=9 \times X-(X \times 9)$

X	Y	ROC
-1	0	0
0	0	0
1	0	0
2	0	0

8)  $Y=-X$

X	Y	ROC
-1	1	-1
0	0	-1
1	-1	-1
2	-2	-1

9)  $Y=9 \times X+(X \times 4)$

X	Y	ROC
-1	-13	13
0	0	13
1	13	13
2	26	13

10)  $Y=6 \times X-(X \times -1)$

X	Y	ROC
-1	-7	7
0	0	7
1	7	7
2	14	7

Answers1. 82. 33. 1174. 45. 356. 77. 08. 19. 1310. 7