



Identify the rate of change.

1)  $Y = X + 6$

2)  $Y = 2 \times X + (X \times 8)$

3)  $Y = X + (9 \times -1)$

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

5)  $Y = -X$

6)  $Y = X \times 3$

7)  $Y = 4 \times X + (X \times -1)$

8)  $Y = 2 \times X \times 4$

9)  $Y = 4 \times X - (X \times -1)$

10)  $Y = X - 3$

Answers

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

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

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

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

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

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

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

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

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

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



Identify the rate of change.

1)  $Y=X+6$

X	Y	ROC
-1	5	1
0	6	1
1	7	1
2	8	1

2)  $Y=2 \times X+(X \times 8)$

X	Y	ROC
-1	-10	10
0	0	10
1	10	10
2	20	10

3)  $Y=X+(9 \times -1)$

X	Y	ROC
-1	-10	1
0	-9	1
1	-8	1
2	-7	1

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

X	Y	ROC
-1	5	1
0	6	1
1	7	1
2	8	1

5)  $Y=-X$

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

6)  $Y=X \times 3$

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

7)  $Y=4 \times X+(X \times -1)$

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

8)  $Y=2 \times X \times 4$

X	Y	ROC
-1	-8	8
0	0	8
1	8	8
2	16	8

9)  $Y=4 \times X-(X \times -1)$

X	Y	ROC
-1	-5	5
0	0	5
1	5	5
2	10	5

10)  $Y=X-3$

X	Y	ROC
-1	-4	1
0	-3	1
1	-2	1
2	-1	1

Answers1. 12. 103. 14. 15. 16. 37. 38. 89. 510. 1