



Identify the rate of change.

1)  $Y = X + 9$

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

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

4)  $Y = 8 \times X - (X \times 3)$

5)  $Y = 8 \times X - 7$

6)  $Y = 5 \times X \times 9$

7)  $Y = X - 5$

8)  $Y = 9 \times X + 2$

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

10)  $Y = 6 \times X - (X + 7)$

Answers

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

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

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

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

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

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

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

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

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

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



Identify the rate of change.

1)  $Y=X+9$

X	Y	ROC
-1	8	1
0	9	1
1	10	1
2	11	1

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

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

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

X	Y	ROC
-1	8	1
0	9	1
1	10	1
2	11	1

4)  $Y=8 \times X-(X \times 3)$

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

5)  $Y=8 \times X-7$

X	Y	ROC
-1	-15	8
0	-7	8
1	1	8
2	9	8

6)  $Y=5 \times X \times 9$

X	Y	ROC
-1	-45	45
0	0	45
1	45	45
2	90	45

7)  $Y=X-5$

X	Y	ROC
-1	-6	1
0	-5	1
1	-4	1
2	-3	1

8)  $Y=9 \times X+2$

X	Y	ROC
-1	-7	9
0	2	9
1	11	9
2	20	9

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

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

10)  $Y=6 \times X-(X+7)$

X	Y	ROC
-1	-12	5
0	-7	5
1	-2	5
2	3	5

Answers

1. 1
2. 1
3. 1
4. 5
5. 8
6. 45
7. 1
8. 9
9. 3
10. 5