



Identify the rate of change.

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

2)  $Y=X-8$

3)  $Y=X \times 3$

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

5)  $Y=X+3$

6)  $Y=7 \times X$

7)  $Y=-X$

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

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

10)  $Y=5 \times X+8$

Answers

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

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

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

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

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

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

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

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

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

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



Identify the rate of change.

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

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

2)  $Y=X-8$

X	Y	ROC
-1	-9	1
0	-8	1
1	-7	1
2	-6	1

3)  $Y=X \times 3$

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

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

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

5)  $Y=X+3$

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

6)  $Y=7 \times X$

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

7)  $Y=-X$

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

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

X	Y	ROC
-1	5	3
0	8	3
1	11	3
2	14	3

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

X	Y	ROC
-1	-64	64
0	0	64
1	64	64
2	128	64

10)  $Y=5 \times X+8$

X	Y	ROC
-1	3	5
0	8	5
1	13	5
2	18	5

Answers1. 82. 13. 34. 15. 16. 77. 18. 39. 6410. 5