



Identify the rate of change.

1)  $Y=6 \times X+5$

2)  $Y=X-7$

3)  $Y=X+6$

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

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

6)  $Y=4 \times X-3$

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

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

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

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

Answers

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

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

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

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

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

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

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

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

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

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



Identify the rate of change.

1)  $Y=6 \times X+5$

X	Y	ROC
-1	-1	6
0	5	6
1	11	6
2	17	6

2)  $Y=X-7$

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

3)  $Y=X+6$

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

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

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

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

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

6)  $Y=4 \times X-3$

X	Y	ROC
-1	-7	4
0	-3	4
1	1	4
2	5	4

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

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

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

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

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

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

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

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

Answers

1. 6
2. 1
3. 1
4. 3
5. 5
6. 4
7. 1
8. 5
9. 1
10. 13