



Identify the rate of change.

1)  $Y=4 \times X+(X-3)$

2)  $Y=5 \times X+2$

3)  $Y=X+3$

4)  $Y=7 \times X \times 4$

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

6)  $Y=5 \times X$

7)  $Y=3 \times X+(X+4)$

8)  $Y=5 \times X+(X \times -1)$

9)  $Y=X \times 7$

10)  $Y=4 \times X+(X \times 7)$

Answers

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

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

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

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

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

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

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

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

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

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



Identify the rate of change.

1)  $Y=4 \times X+(X-3)$

X	Y	ROC
-1	-8	5
0	-3	5
1	2	5
2	7	5

2)  $Y=5 \times X+2$

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

3)  $Y=X+3$

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

4)  $Y=7 \times X \times 4$

X	Y	ROC
-1	-28	28
0	0	28
1	28	28
2	56	28

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

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

6)  $Y=5 \times X$

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

7)  $Y=3 \times X+(X+4)$

X	Y	ROC
-1	0	4
0	4	4
1	8	4
2	12	4

8)  $Y=5 \times X+(X \times -1)$

X	Y	ROC
-1	-4	4
0	0	4
1	4	4
2	8	4

9)  $Y=X \times 7$

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

10)  $Y=4 \times X+(X \times 7)$

X	Y	ROC
-1	-11	11
0	0	11
1	11	11
2	22	11

Answers

1. 5
2. 5
3. 1
4. 28
5. 1
6. 5
7. 4
8. 4
9. 7
10. 11