



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