



Identify the rate of change.

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

2) $Y = -X$

3) $Y = 2 \times X$

4) $Y = X + 8$

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

6) $Y = 3 \times X + (X - 8)$

7) $Y = X \times 6$

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

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

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

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

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

2) $Y = -X$

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

3) $Y = 2 \times X$

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

4) $Y = X + 8$

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

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

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

6) $Y = 3 \times X + (X - 8)$

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

7) $Y = X \times 6$

X	Y	ROC
-1	-6	6
0	0	6
1	6	6
2	12	6

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

X	Y	ROC
-1	3	4
0	7	4
1	11	4
2	15	4

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

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

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

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

Answers1. 12. 13. 24. 15. 26. 47. 68. 49. 210. 5