



Identify the rate of change.

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

2) $Y = 6 \times X - (X - 3)$

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

4) $Y = X - 3$

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

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

7) $Y = 9 \times X$

8) $Y = X + 8$

9) $Y = -X$

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

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

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

2) $Y = 6 \times X - (X - 3)$

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

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

X	Y	ROC
-1	0	2
0	2	2
1	4	2
2	6	2

4) $Y = X - 3$

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

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

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

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

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

7) $Y = 9 \times X$

X	Y	ROC
-1	-9	9
0	0	9
1	9	9
2	18	9

8) $Y = X + 8$

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

9) $Y = -X$

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

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

X	Y	ROC
-1	-9	9
0	0	9
1	9	9
2	18	9

Answers

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