



Identify the rate of change.

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

2) $Y = 3 \times X$

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

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

5) $Y = 3 \times X - 9$

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

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

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

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

10) $Y = X - 8$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

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

X	Y	ROC
-1	-6	1
0	-5	1
1	-4	1
2	-3	1

2) $Y = 3 \times X$

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

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

X	Y	ROC
-1	-9	5
0	-4	5
1	1	5
2	6	5

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

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

5) $Y = 3 \times X - 9$

X	Y	ROC
-1	-12	3
0	-9	3
1	-6	3
2	-3	3

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

X	Y	ROC
-1	-10	10
0	0	10
1	10	10
2	20	10

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

X	Y	ROC
-1	-14	8
0	-6	8
1	2	8
2	10	8

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

X	Y	ROC
-1	4	4
0	8	4
1	12	4
2	16	4

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

X	Y	ROC
-1	-18	-18
0	0	-18
1	30	18
2	72	12

10) $Y = X - 8$

X	Y	ROC
-1	-9	1
0	-8	1
1	-7	1
2	-6	1

Answers

- 1
- 3
- 5
- 2
- 3
- 10
- 8
- 4
- 12
- 1