



Identify the rate of change.

1) $Y = 9 \times X - (X \times 6)$

2) $Y = 7 \times X + 2$

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

4) $Y = 4 \times X - 5$

5) $Y = X - 9$

6) $Y = X + (6 \times -1)$

7) $Y = 5 \times X + (X + 4)$

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

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

10) $Y = -X$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

1) $Y = 9 \times X - (X \times 6)$

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

2) $Y = 7 \times X + 2$

X	Y	ROC
-1	-5	7
0	2	7
1	9	7
2	16	7

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

X	Y	ROC
-1	4	2
0	6	2
1	8	2
2	10	2

4) $Y = 4 \times X - 5$

X	Y	ROC
-1	-9	4
0	-5	4
1	-1	4
2	3	4

5) $Y = X - 9$

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

6) $Y = X + (6 \times -1)$

X	Y	ROC
-1	-7	1
0	-6	1
1	-5	1
2	-4	1

7) $Y = 5 \times X + (X + 4)$

X	Y	ROC
-1	-2	6
0	4	6
1	10	6
2	16	6

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

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

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

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

10) $Y = -X$

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

Answers

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