



Identify the rate of change.

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

2) $Y = 9 \times X \times 5$

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

4) $Y = 5 \times X + (X \times 9)$

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

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

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

8) $Y = 3 \times X$

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

10) $Y = 5 \times X - 6$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

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

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

2) $Y = 9 \times X \times 5$

X	Y	ROC
-1	-45	45
0	0	45
1	45	45
2	90	45

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

X	Y	ROC
-1	1	6
0	7	6
1	13	6
2	19	6

4) $Y = 5 \times X + (X \times 9)$

X	Y	ROC
-1	-14	14
0	0	14
1	14	14
2	28	14

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

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

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

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

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

X	Y	ROC
-1	-13	7
0	-6	7
1	1	7
2	8	7

8) $Y = 3 \times X$

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

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

X	Y	ROC
-1	-19	10
0	-9	10
1	1	10
2	11	10

10) $Y = 5 \times X - 6$

X	Y	ROC
-1	-11	5
0	-6	5
1	-1	5
2	4	5

Answers

1. 4
2. 45
3. 6
4. 14
5. 1
6. 1
7. 7
8. 3
9. 10
10. 5