



Identify the rate of change.

1) $Y = X + 9$

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

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

4) $Y = 8 \times X - (X \times 3)$

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

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

7) $Y = X - 5$

8) $Y = 9 \times X + 2$

9) $Y = 4 \times X + (X \times -1)$

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

1) $Y = X + 9$

X	Y	ROC
-1	8	1
0	9	1
1	10	1
2	11	1

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

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

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

X	Y	ROC
-1	8	1
0	9	1
1	10	1
2	11	1

4) $Y = 8 \times X - (X \times 3)$

X	Y	ROC
-1	-5	5
0	0	5
1	5	5
2	10	5

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

X	Y	ROC
-1	-15	8
0	-7	8
1	1	8
2	9	8

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

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

7) $Y = X - 5$

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

8) $Y = 9 \times X + 2$

X	Y	ROC
-1	-7	9
0	2	9
1	11	9
2	20	9

9) $Y = 4 \times X + (X \times -1)$

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

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

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

Answers

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