



Identify the rate of change for each equation.

1) $Y = X \times 7$

2) $Y = X - 7$

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

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

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

6) $Y = 9 \times X + (X + 2)$

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

8) $Y = 7 \times X$

9) $Y = -X$

10) $Y = 2 \times X - 5$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change for each equation.

1) $Y=X \times 7$

X	Y	ROC
-1	-7	7
0	0	7
1	7	7
2	14	7

2) $Y=X-7$

X	Y	ROC
-1	-8	1
0	-7	1
1	-6	1
2	-5	1

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

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

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

X	Y	ROC
-1	-15	7
0	-8	7
1	-1	7
2	6	7

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

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

6) $Y=9 \times X+(X+2)$

X	Y	ROC
-1	-8	10
0	2	10
1	12	10
2	22	10

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

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

8) $Y=7 \times X$

X	Y	ROC
-1	-7	7
0	0	7
1	7	7
2	14	7

9) $Y=-X$

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

10) $Y=2 \times X-5$

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

Answers

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