



Identify the rate of change.

Answers

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

4) $Y = 7 \times X$

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

6) $Y = 7 \times X + (X \times -1)$

7) $Y = 6 \times X + (X - 2)$

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

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

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



Identify the rate of change.

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

X	Y	ROC
-1	-18	18
0	0	18
1	18	18
2	36	18

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

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

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

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

4) $Y=7 \times X$

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

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

X	Y	ROC
-1	-9	9
0	0	9
1	9	9
2	18	9

6) $Y=7 \times X+(X \times -1)$

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

7) $Y=6 \times X+(X-2)$

X	Y	ROC
-1	-9	7
0	-2	7
1	5	7
2	12	7

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

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

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

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

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

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

Answers

1. **18**
2. **9**
3. **1**
4. **7**
5. **9**
6. **6**
7. **7**
8. **0**
9. **3**
10. **4**