



Identify the rate of change.

1) $Y = 2 \times X - 6$

2) $Y = X + 2$

3) $Y = 3 \times X + (X \times 2)$

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

5) $Y = X - 2$

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

7) $Y = 4 \times X - (X \times 4)$

8) $Y = 9 \times X + 6$

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

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

1) $Y=2 \times X-6$

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

2) $Y=X+2$

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

3) $Y=3 \times X+(X \times 2)$

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

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

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

5) $Y=X-2$

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

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

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

7) $Y=4 \times X-(X \times 4)$

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

8) $Y=9 \times X+6$

X	Y	ROC
-1	-3	9
0	6	9
1	15	9
2	24	9

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

X	Y	ROC
-1	-16	8
0	-8	8
1	0	8
2	8	8

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

X	Y	ROC
-1	-30	30
0	0	30
1	30	30
2	60	30

Answers

1. 2
2. 1
3. 5
4. 4
5. 1
6. 1
7. 0
8. 9
9. 8
10. 30