



Identify the rate of change.

Answers

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

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

5) $Y = 6 \times X + (X - 9)$

6) $Y = X - 6$

7) $Y = X + 9$

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

9) $Y = 8 \times X$

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



Identify the rate of change.

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

X	Y	ROC
-1	3	2
0	5	2
1	7	2
2	9	2

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

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

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

X	Y	ROC
-1	-1	4
0	3	4
1	7	4
2	11	4

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

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

5) $Y=6 \times X+(X-9)$

X	Y	ROC
-1	-16	7
0	-9	7
1	-2	7
2	5	7

6) $Y=X-6$

X	Y	ROC
-1	-7	1
0	-6	1
1	-5	1
2	-4	1

7) $Y=X+9$

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

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

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

9) $Y=8 \times X$

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

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

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

Answers

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