



Identify the rate of change.

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

2)  $Y=7 \times X+2$

3)  $Y=3 \times X-(X-6)$

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

5)  $Y=X-9$

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

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

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

9)  $Y=3 \times X+(X \times 7)$

10)  $Y=-X$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Identify the rate of change.

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

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

2)  $Y=7 \times X+2$

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

3)  $Y=3 \times X-(X-6)$

X	Y	ROC
-1	4	2
0	6	2
1	8	2
2	10	2

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

X	Y	ROC
-1	-9	4
0	-5	4
1	-1	4
2	3	4

5)  $Y=X-9$

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

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

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

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

X	Y	ROC
-1	-2	6
0	4	6
1	10	6
2	16	6

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

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

9)  $Y=3 \times X+(X \times 7)$

X	Y	ROC
-1	-10	10
0	0	10
1	10	10
2	20	10

10)  $Y=-X$

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

Answers1. 32. 73. 24. 45. 16. 17. 68. 39. 1010. 1