



Identify the rate of change.

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

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

3)  $Y=7 \times X \times 5$

4)  $Y=X \times 4$

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

6)  $Y=X-4$

7)  $Y=9 \times X-5$

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

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

10)  $Y=X+9$

**Answers**

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

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

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

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

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

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

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

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

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

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



Identify the rate of change.

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

X	Y	ROC
-1	-2	8
0	6	8
1	14	8
2	22	8

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

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

3)  $Y=7 \times X \times 5$

X	Y	ROC
-1	-35	35
0	0	35
1	35	35
2	70	35

4)  $Y=X \times 4$

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

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

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

6)  $Y=X-4$

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

7)  $Y=9 \times X-5$

X	Y	ROC
-1	-14	9
0	-5	9
1	4	9
2	13	9

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

X	Y	ROC
-1	-13	8
0	-5	8
1	3	8
2	11	8

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

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

10)  $Y=X+9$

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

Answers

1. 8
2. 1
3. 35
4. 4
5. 1
6. 1
7. 9
8. 8
9. 9
10. 1