



Identify the rate of change.

1) $Y=3 \times X+(X \times 8)$

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

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

4) $Y=X+7$

5) $Y=8 \times X+3$

6) $Y=3 \times X+(X-7)$

7) $Y=3 \times X-(X \times 4)$

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

9) $Y=X-(4 \times -1)$

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

1) $Y=3 \times X+(X \times 8)$

X	Y	ROC
-1	-11	11
0	0	11
1	11	11
2	22	11

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

X	Y	ROC
-1	-12	5
0	-7	5
1	-2	5
2	3	5

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

X	Y	ROC
-1	-12	8
0	-4	8
1	4	8
2	12	8

4) $Y=X+7$

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

5) $Y=8 \times X+3$

X	Y	ROC
-1	-5	8
0	3	8
1	11	8
2	19	8

6) $Y=3 \times X+(X-7)$

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

7) $Y=3 \times X-(X \times 4)$

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

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

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

9) $Y=X-(4 \times -1)$

X	Y	ROC
-1	3	1
0	4	1
1	5	1
2	6	1

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

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

Answers1. 112. 53. 84. 15. 86. 47. 18. 99. 110. 2