



Identify the rate of change.

Answers

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

2) $Y=8 \times X+7$

1. _____

3) $Y=8 \times X-4$

4) $Y=6 \times X$

2. _____

3. _____

4. _____

5. _____

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

6) $Y=X \times 2$

6. _____

7. _____

8. _____

9. _____

10. _____

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

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

9) $Y=4 \times X-(X+6)$

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



Identify the rate of change.

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

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

2) $Y=8 \times X+7$

X	Y	ROC
-1	-1	8
0	7	8
1	15	8
2	23	8

3) $Y=8 \times X-4$

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

4) $Y=6 \times X$

X	Y	ROC
-1	-6	6
0	0	6
1	6	6
2	12	6

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

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

6) $Y=X \times 2$

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

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

X	Y	ROC
-1	-17	8
0	-9	8
1	-1	8
2	7	8

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

X	Y	ROC
-1	0	5
0	5	5
1	10	5
2	15	5

9) $Y=4 \times X-(X+6)$

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

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

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

Answers1. 82. 83. 84. 65. 16. 27. 88. 59. 310. 1