



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

Answers

1. 3

2. 7

3. 2

4. 4

5. 1

6. 1

7. 6

8. 3

9. 10

10. 1