



Identify the rate of change.

1) $Y = 6 \times X + (X + 2)$

2) $Y = -X$

3) $Y = X \times 7$

4) $Y = 4 \times X \times 9$

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

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

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

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

9) $Y = X + 7$

10) $Y = X - 3$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

1) $Y = 6 \times X + (X + 2)$

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

2) $Y = -X$

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

3) $Y = X \times 7$

X	Y	ROC
-1	-7	7
0	0	7
1	7	7
2	14	7

4) $Y = 4 \times X \times 9$

X	Y	ROC
-1	-36	36
0	0	36
1	36	36
2	72	36

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

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

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

X	Y	ROC
-1	-16	16
0	0	16
1	16	16
2	32	16

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

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

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

X	Y	ROC
-1	-3	7
0	4	7
1	11	7
2	18	7

9) $Y = X + 7$

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

10) $Y = X - 3$

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

Answers

1. 7
2. 1
3. 7
4. 36
5. 3
6. 16
7. 5
8. 7
9. 1
10. 1