



Identify the rate of change.

1) $Y = X - 7$

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

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

4) $Y = X \times 9$

5) $Y = 3 \times X + 4$

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

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

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

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

10) $Y = 6 \times X \times (X + 5)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

1) $Y = X - 7$

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

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

X	Y	ROC
-1	-11	5
0	-6	5
1	-1	5
2	4	5

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

X	Y	ROC
-1	7	1
0	8	1
1	9	1
2	10	1

4) $Y = X \times 9$

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

5) $Y = 3 \times X + 4$

X	Y	ROC
-1	1	3
0	4	3
1	7	3
2	10	3

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

X	Y	ROC
-1	-3	10
0	7	10
1	17	10
2	27	10

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

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

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

X	Y	ROC
-1	-40	40
0	0	40
1	40	40
2	80	40

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

X	Y	ROC
-1	-12	10
0	-2	10
1	8	10
2	18	10

10) $Y = 6 \times X \times (X + 5)$

X	Y	ROC
-1	-24	36
0	0	36
1	36	-18
2	84	18

Answers

1. 1
2. 5
3. 1
4. 9
5. 3
6. 10
7. 1
8. 40
9. 10
10. 18