



Identify the rate of change.

Answers

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

2) $Y = 2 \times X$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

4) $Y = X - 8$

5) $Y = 8 \times X \times (X + 6)$

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

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

8) $Y = 8 \times X + (X \times 9)$

9) $Y = 4 \times X + (X - 2)$

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



Identify the rate of change.

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

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

2) $Y = 2 \times X$

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

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

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

4) $Y = X - 8$

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

5) $Y = 8 \times X \times (X + 6)$

X	Y	ROC
-1	-40	24
0	0	24
1	56	104
2	128	136

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

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

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

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

8) $Y = 8 \times X + (X \times 9)$

X	Y	ROC
-1	-17	17
0	0	17
1	17	17
2	34	17

9) $Y = 4 \times X + (X - 2)$

X	Y	ROC
-1	-7	5
0	-2	5
1	3	5
2	8	5

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

X	Y	ROC
-1	-2	8
0	6	8
1	14	8
2	22	8

Answers

1. 7
2. 2
3. 1
4. 1
5. 136
6. 1
7. 16
8. 17
9. 5
10. 8