



Identify the rate of change.

Answers

1) $Y = 4 \times X - (X \times -1)$

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

3) $Y = X + 6$

4) $Y = 5 \times X - 6$

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

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

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

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

9) $Y = X - 4$

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



Identify the rate of change.

1) $Y=4 \times X-(X \times -1)$

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

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

X	Y	ROC
-1	-25	25
0	0	25
1	25	25
2	50	25

3) $Y=X+6$

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

4) $Y=5 \times X-6$

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

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

X	Y	ROC
-1	-13	9
0	-4	9
1	5	9
2	14	9

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

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

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

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

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

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

9) $Y=X-4$

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

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

X	Y	ROC
-1	-3	5
0	8	5
1	13	5
2	18	5

Answers

1. 5
2. 25
3. 1
4. 5
5. 9
6. 1
7. 5
8. 1
9. 1
10. 5