



Identify the rate of change.

1) $Y = 9 \times X - (X - 6)$

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

3) $Y = 7 \times X \times 5$

4) $Y = X \times 4$

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

6) $Y = X - 4$

7) $Y = 9 \times X - 5$

8) $Y = 9 \times X - (X + 5)$

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

10) $Y = X + 9$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Identify the rate of change.

1) $Y = 9 \times X - (X - 6)$

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

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

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

3) $Y = 7 \times X \times 5$

X	Y	ROC
-1	-35	35
0	0	35
1	35	35
2	70	35

4) $Y = X \times 4$

X	Y	ROC
-1	-4	4
0	0	4
1	4	4
2	8	4

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

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

6) $Y = X - 4$

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

7) $Y = 9 \times X - 5$

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

8) $Y = 9 \times X - (X + 5)$

X	Y	ROC
-1	-13	8
0	-5	8
1	3	8
2	11	8

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

X	Y	ROC
-1	-7	9
0	2	9
1	11	9
2	20	9

10) $Y = X + 9$

X	Y	ROC
-1	8	1
0	9	1
1	10	1
2	11	1

Answers

1. 8
2. 1
3. 35
4. 4
5. 1
6. 1
7. 9
8. 8
9. 9
10. 1