

Class/Homework

Instructions:

1. Use substitution to calculate y for each value of x .
2. Show all your work on a separate sheet of paper.
3. Check your answers with your teacher or a peer.

1. $y = 2x + 3$

Complete the table for $x = -2, -1, 0, 1, 2$.

x	-2	-1	0	1	2
y					

2. $y = 3x - 4$

Complete the table for $x = -3, -1, 0, 2, 4$.

x	-3	-1	0	2	4
y					

3. $y = \frac{x}{2} + 5$

Complete the table for $x = -4, -2, 0, 2, 4$.

x	-4	-2	0	2	4
y	3				

$$\begin{array}{r}
 x = -4 \\
 \frac{x}{2} + 5 \\
 \frac{-4}{2} + 5 \\
 -2 + 5 \\
 3
 \end{array}$$

means $\frac{(\quad)}{2} + 5$

4. $y = \frac{x}{3} - 2$

Complete the table for $x = -6, -3, 0, 3, 6$.

x	-6	-3	0	3	6
y					

5. $y = -2x + 7$

Complete the table for $x = -2, -1, 0, 1, 2$.

x	-2	-1	0	1	2
y					

6. $y = -\frac{x}{4} + 3$

Complete the table for $x = -8, -4, 0, 4, 8$.

x	-8	-4	0	4	8
y					

7. $y = 4x - 5$

Complete the table for $x = -2, -1, 0, 1, 2$.

x	-2	-1	0	1	2
y					

8. $y = 5 - \frac{x}{5}$

Complete the table for $x = -10, -5, 0, 5, 10$.

x	-10	-5	0	5	10
y					

9. $y = \frac{2x}{3} + 1$

Complete the table for $x = -6, -3, 0, 3, 6$.

x	-6	-3	0	3	6
y					

10. $y = -\frac{3x}{2} + 4$

Complete the table for $x = -4, -2, 0, 2, 4$.

x	-4	-2	0	2	4
y					