

Practice

Equations as Relations**Which ordered pairs are solutions of each equation?**

1. $3x = 2y - 1$ a. $(1, -2)$ b. $(-1, -1)$ c. $(-2, -\frac{5}{2})$ d. $(0, -\frac{1}{2})$
2. $2y = x + 3$ a. $(-1, -1)$ b. $(1, -2)$ c. $(-3, 0)$ d. $(0, -\frac{3}{2})$
3. $5x = 2 - y$ a. $(3, 12)$ b. $(-3, -17)$ c. $(2, -8)$ d. $(-1, 7)$

Solve each equation if the domain is $\{-2, -1, 0, 2, 5\}$.

4. $y = 3x + 2$

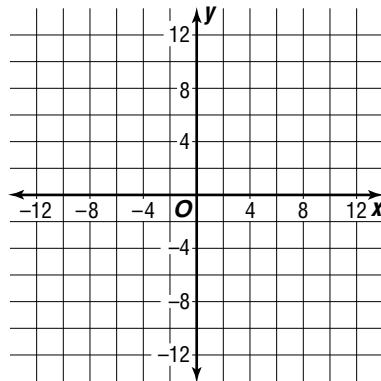
5. $x - y = 5$

6. $y = 2x - 7$

7. $2y = 8 - 4x$

Make a table and graph the solution set for each equation and domain.

8. $2x + y = 8$ for $x = \{-3, -1, 1, 3, 5, 7\}$



9. $-5x + y = -10$ for $x = \{-2, 0, 2, 4, 6, 8\}$

