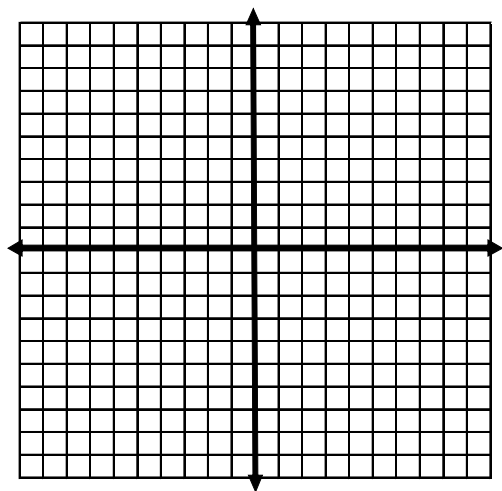


Solve for x in each equation

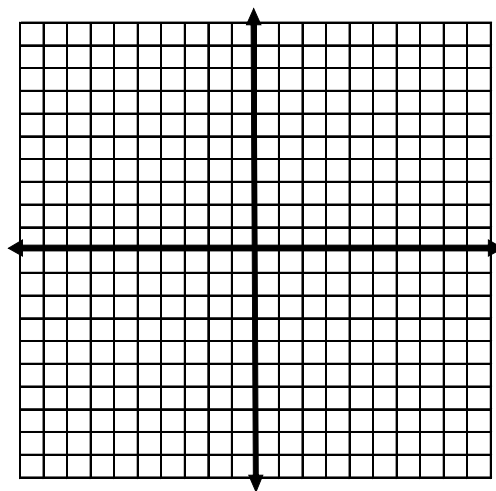
1. $3|x - 1| + 5 = 11$ 2. $\sqrt{3x + 1} - 4 = 0$ 3. $\frac{1}{2}\sqrt[3]{x - 3} = 1$ 4. $2(x + 1)^3 - 3 = 13$

5. Graph each function. State the domain and range

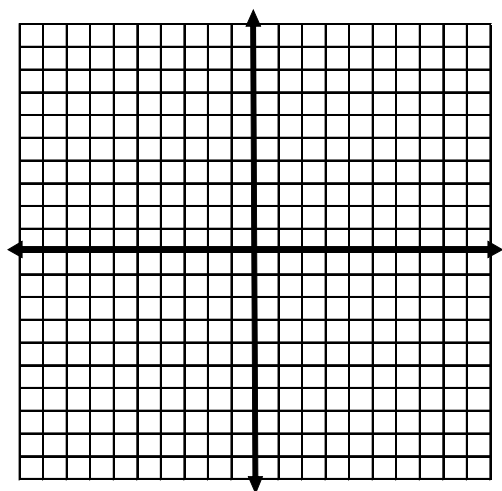
a) $y = -2|x - 1|$



b) $y = 2\sqrt{x - 1} + 3$



c) $y = (x - 1)^3 + 2$



d) $y = 2\sqrt[3]{x + 1} - 3$

