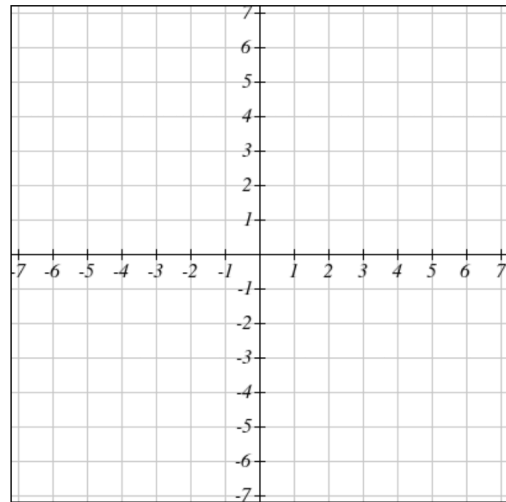
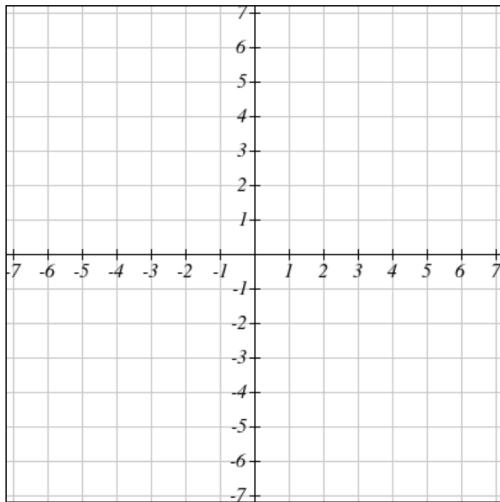


3.6 Absolute Value Functions Practice

Answer in complete sentences where applicable.

1. Use your knowledge about transformations to graph $y = |x - 1|$ and $y = -|x - 2| + 3$.



2. Describe all numbers x that are at a distance of 6 from the number 12. Express this using absolute value notation.
3. Given the function $f(x) = -2|x + 2| + 6$, find the x and y -intercepts. Finding them algebraically or graphically is acceptable.

