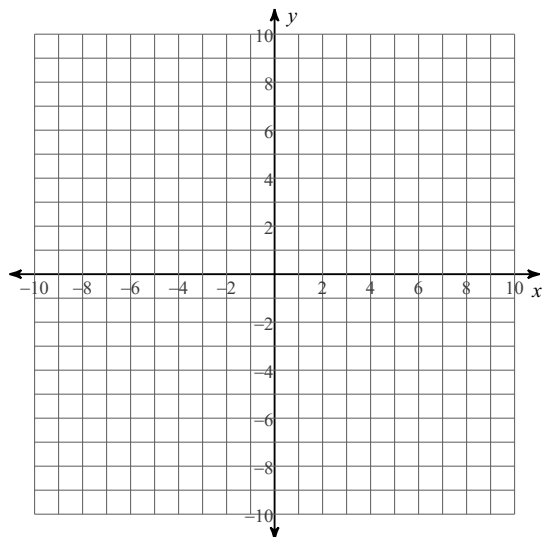


4.4a Graph Absolute Value Functions

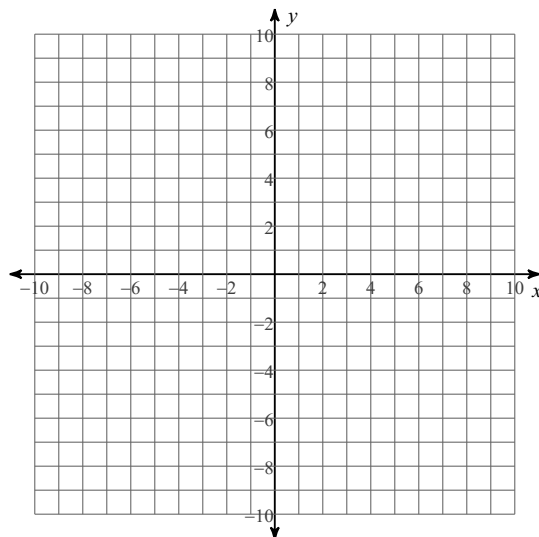
Date _____ Period _____

Graph each function. Show all work used to create your graphs. Graph and label the axis of symmetry for each function.

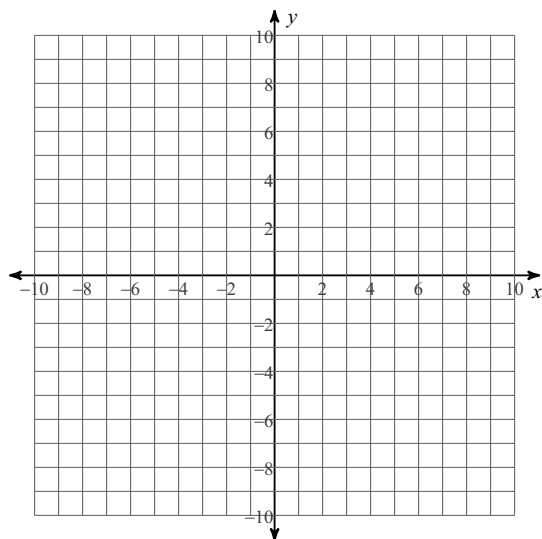
1) $f(x) = -|x|$



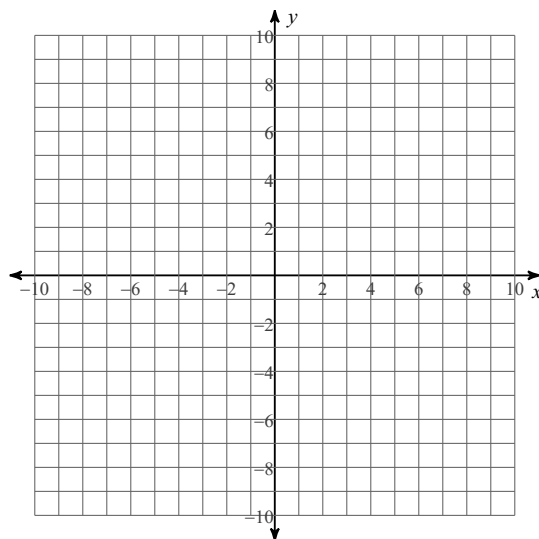
2) $f(x) = |x+2|$



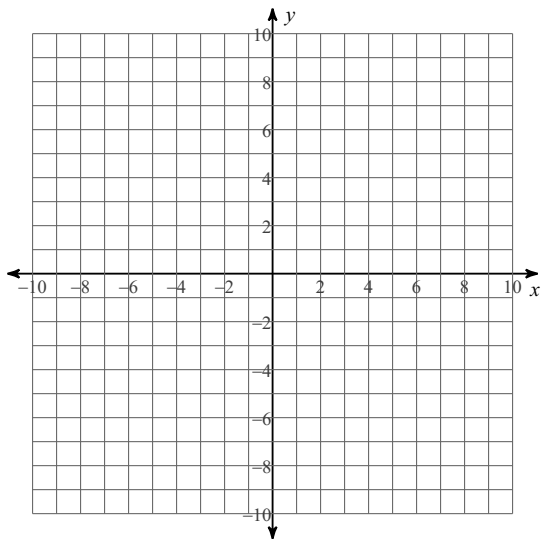
3) $f(x) = |x+2| + 2$



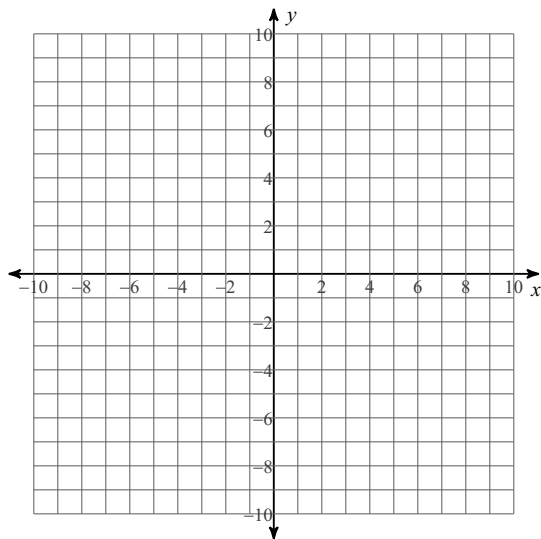
4) $f(x) = |x| - 1$



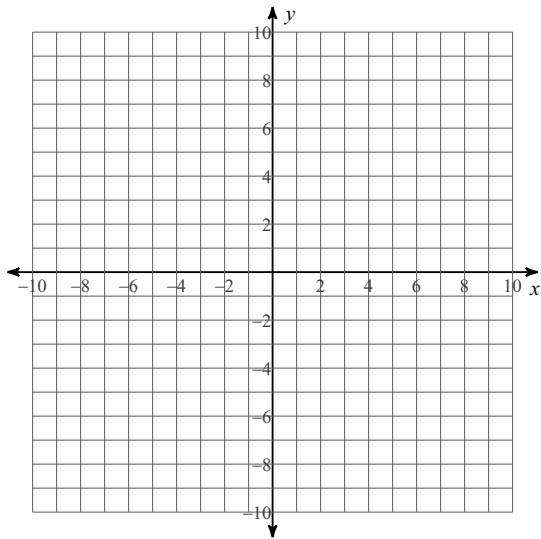
5) $f(x) = \frac{1}{2}|x| - 2$



6) $f(x) = -3|x - 1|$



7) $f(x) = |x+1|$



8) $f(x) = -|x| + 3$

