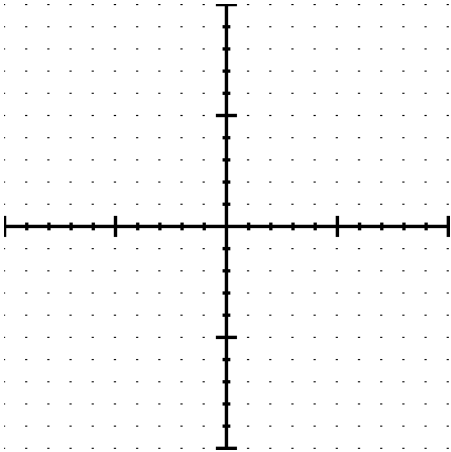
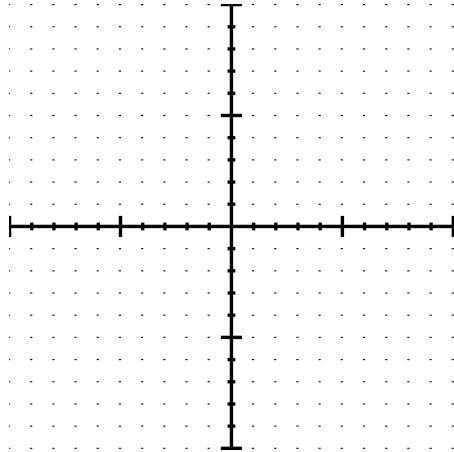


Graph the equations below and label the coordinates of the vertex.

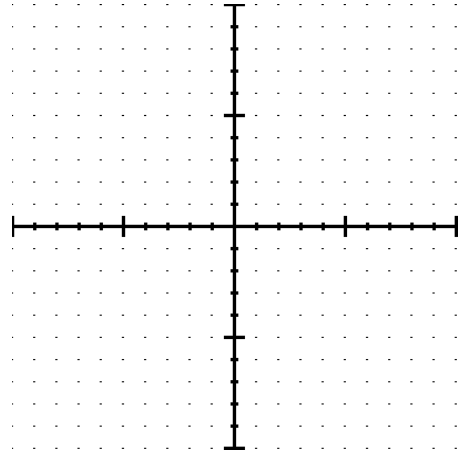
1. $y = |x - 2| - 3$



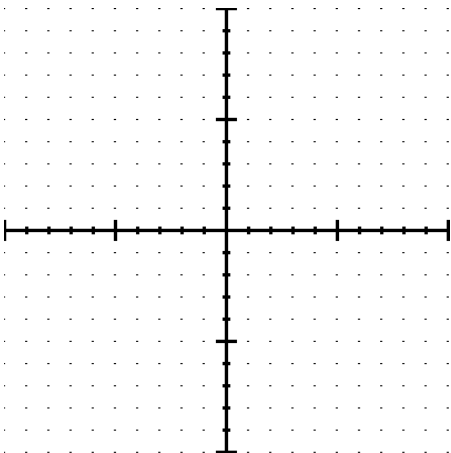
2. $y = |x + 1|$



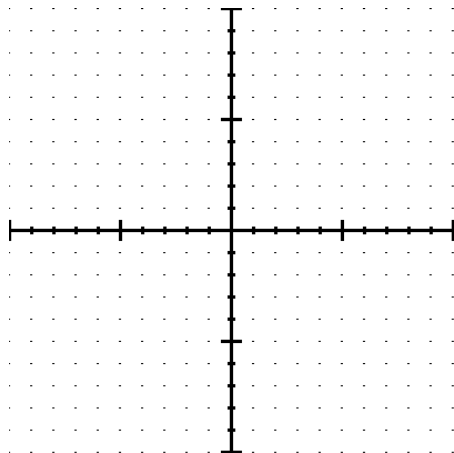
3. $y = 2|x| - 4$



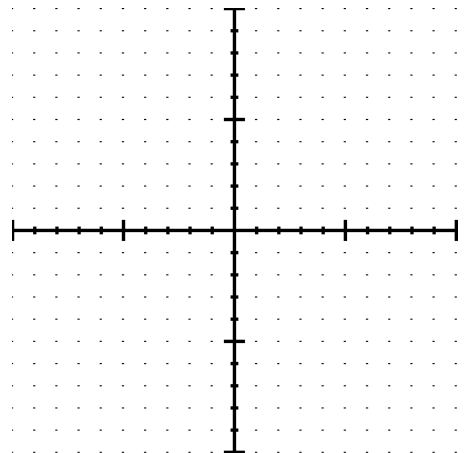
4. $y = \frac{1}{2}|x - 3|$



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



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



7. Write the equation of the absolute value equation with a vertex at (2, 3) and with a = 2.

8) Write the equation of the absolute value equation with a vertex at (-1, 4) and passing through the point (2, 13).
