1. Solve the following equations.

   (a) $|x| = 6$

   (b) $|4 - x| = 7$

   (c) $|x| = x + 3$

   (d) $|3x - 2| = |2x + 7|$
2. Graph the following functions. Find the zeros of each function and the $x$ and $y$ intercepts of each graph, if any exist.

(a) $f(x) = |x + 4|$

(b) $f(x) = |x| - 3$

(c) $f(x) = -3|x|$