4 – 55) a. Find the x- and y-intercepts of the graph of $y = 2x^2 + 3x - 5$.

b. Find the x- and y-intercepts for the graph of $y = \sqrt{2x - 4}$.

4-80) Find the x- and y-intercepts for the graph of $y = x^2 + 4x - 17$. (Check your answer by referring to the Checkpoint 7 materials located at the back of your book.)

4 – 93) For each of the following equations, describe how d transforms the parent graph.

a. $y = dx^2$ b. $y = 3x^2 - d$

b. $y = (x - d)^2 + 7$ d. $y = \sqrt{x} + d$

4-108) Find the x- and y-intercepts and the vertex of $y = x^2 + 2x - 80$, then write the equation in vertex (graphing) form.