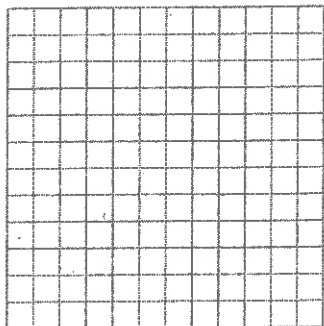
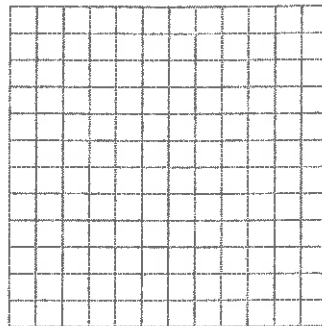


3. Identify any restrictions on the variables. Then, use technology to solve each equation graphically. Sketch the graph on the grid.

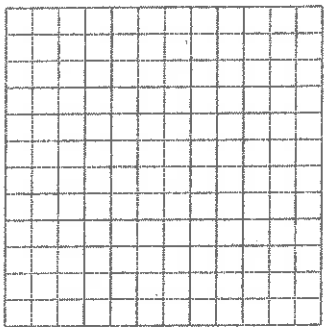
a)  $\sqrt{x+2} - 4 = -2$



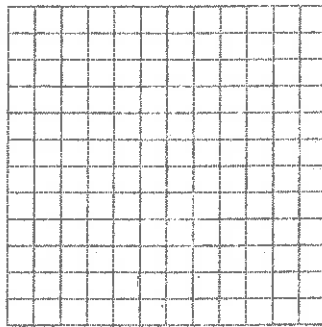
b)  $\sqrt{x-5} = 3$



c)  $3\sqrt{1-x} = 12$



d)  $-2\sqrt{1-4x} = -6$



4. Identify any restrictions on the variables. Then, solve each equation algebraically.

a)  $x = \sqrt{x+10} + 2$

b)  $x + 2 = \sqrt{-6x-12}$

c)  $x - 4 = \sqrt{-x+4}$

d)  $x = \sqrt{-5x+26} + 4$