

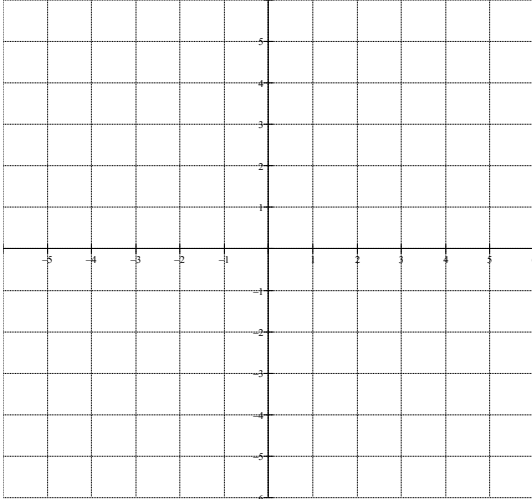
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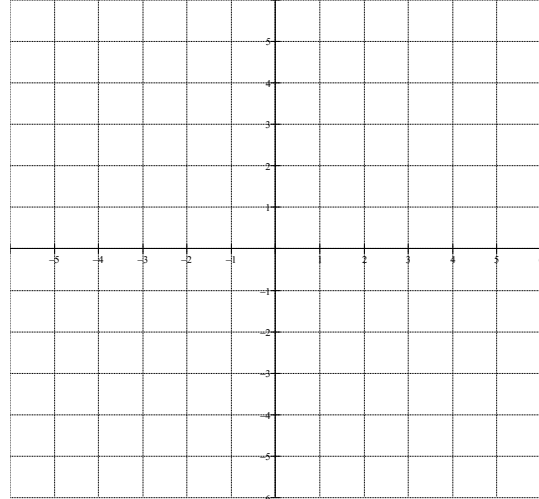
### 2.3 Part 1 Solving Radical Equations Graphically

1. Solve the equations graphically.

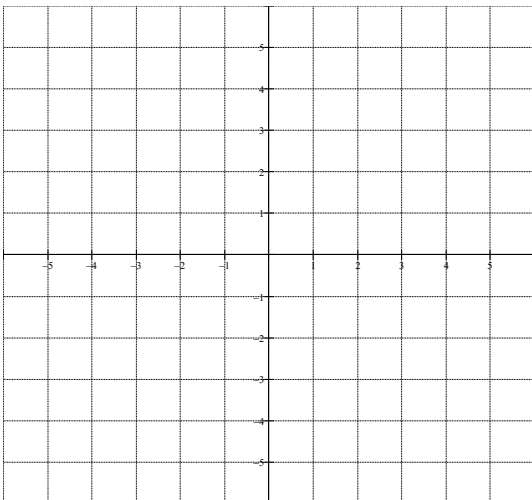
a)  $-x + 2 = \sqrt{x + 4} - 6$



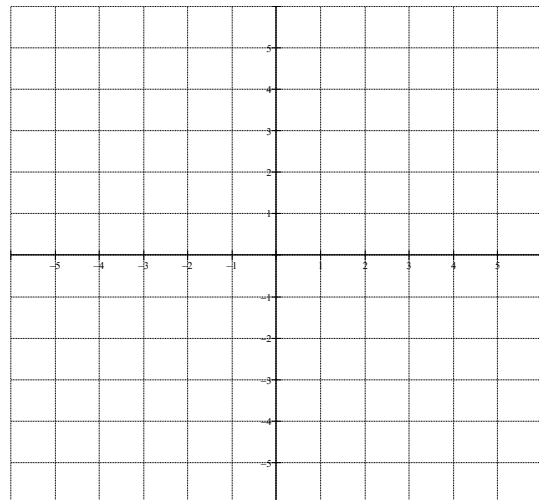
b)  $x - 1 = 5 - 3\sqrt{x - 2}$



c)  $\frac{1}{3}x + 5 = \sqrt{-(x - 1)} + 2$

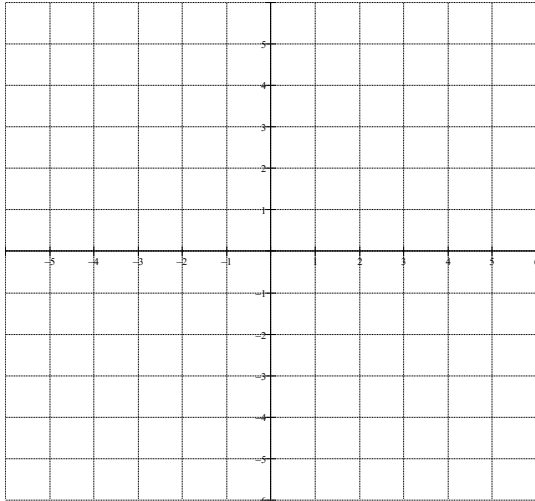


d)  $x - 2 = \sqrt{2(x + 1)} - 3$

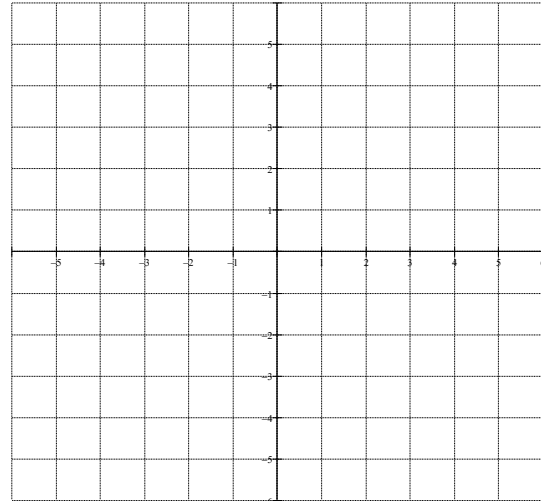


2. Solve the following equations graphically.

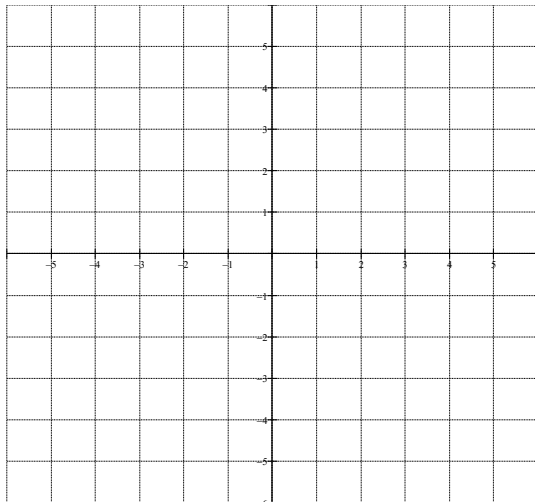
a)  $x - 3 = \sqrt{x - 1}$



b)  $-\sqrt{x + 2} - 1 = -3x + 3$



c)  $\sqrt{x + 1} + 3 = 2x - 1$



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

