

Solve w/ algebra, confirm graphically:

1. $-9x^2 + 12x = 4$

2. $x^3 - 2x^2 = 3x$

3. $\sqrt{2x - 7} = x + 4$

4. $x^2 - 2x + 1 = (x - 7)(x + 2)$

5. $x^2 - 5 = 3x$