

Solve each of the following by graphing.

1.  $x^3 + 4x^2 - 9x - 36 > 0$

2.  $x^3 + 6x^2 - 15x - 100 \geq 0$

3.  $2x^3 + x^2 - 22x - 21 \leq 0$

4.  $x^4 + x^3 - 8x^2 + 4x - 48 > 0$

5.  $3x^4 - 2x^3 - 14x^2 + 6x + 15 < 0$