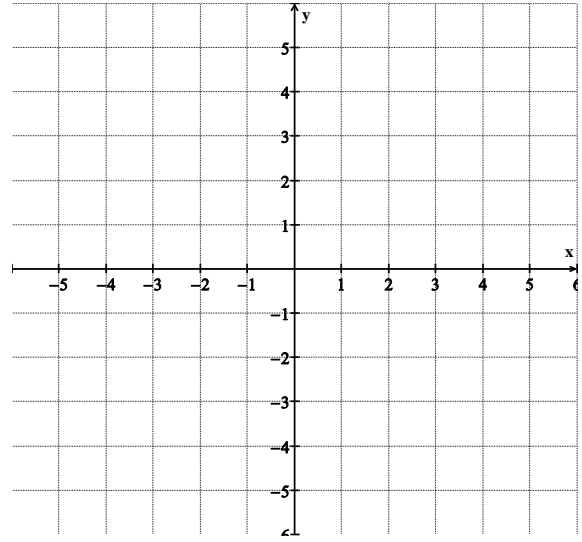
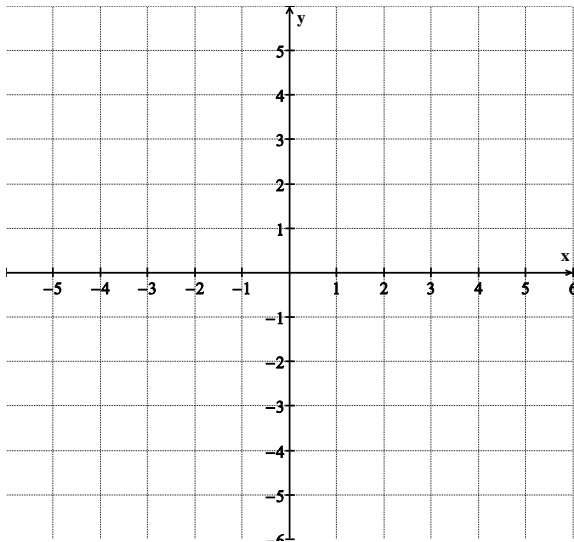


6.2 Strategies for Solving Polynomial Equations

Example Solve by factoring. Illustrate your solution by graphing each function below.

a) $x^3 + 8x^2 + 16x = 0$

b) $x^4 - 5x^2 + 4 = 0$



Example Use **graphing technology** to solve each equation.

a) $x^4 - 8x^3 + 17.25x^2 + 1.75x - 24.5 = 0$

b) $x^3 + x^2 - 3.75x = 0$