Solving Polynomials by Factoring #2

Solve the polynomial by factoring. Check the solutions by graphing.

1) $x^3 + x^2 - 9x - 9$

2) $x^3 + x^2 - 6x$

3) $x^3 + 7x^2 + 2x + 14$

4) $2x^4 - 54x$