

## Third Quiz for Math 30

Name: \_\_\_\_\_

1. List all possible rational roots of the following polynomial, according to the “Rational Root Theorem”.

$$p(x) = 6x^7 - 5x^6 + 4x^5 - 2x^3 - x + 8$$

2. Solve the following equation:

$$x^5 - 2x^4 - 4x^3 + 8x^2 - x - 2 = 0$$