

## Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

**State the possible rational zeros for each function.**

1)  $f(x) = 4x^3 - 4x^2 - x + 1$

2)  $f(x) = 2x^3 + x^2 - 2x - 1$

3)  $f(x) = x^3 - 10x^2 + 15x + 18$

4)  $f(x) = 5x^3 + 9x^2 + 3x - 1$

5)  $f(x) = 3x^3 + 8x^2 + 20x + 25$

6)  $f(x) = 3x^3 - 5x^2 + x + 1$

7)  $f(x) = 3x^3 + 12x^2 + 13x + 12$

8)  $f(x) = x^3 + 16x^2 + 44x - 55$

9)  $f(x) = 2x^3 - x^2 - 2x + 1$

10)  $f(x) = x^3 - 3x^2 - x + 3$