

Name: _____
PC: Synthetic Division When the Divisor is Not Linear ($a = 1$)

Date: _____
Ms. Loughran

1. Divide $2x^3 + 3x^2 - x + 16$ by $x^2 + 2x - 3$

2. Divide $x^3 - x^2 - x + 10$ by $x^2 - 3x + 5$

3. Divide $3x^3 + 4x^2 - 13x + 6$ by $x^2 + 2x - 3$