

11-1 Simplifying Polynomials

Name: _____

Time> Start: _____ Finish: _____

Total Time = _____

Simplify each polynomial completely. If it doesn't simplify, write "Doesn't Simplify."

_____ 1. $\frac{x^2 + 8x + 12}{x + 6}$

_____ 2. $\frac{x^2 + 12x + 20}{x + 2}$

_____ 3. $\frac{x^2 + x - 12}{x + 4}$

_____ 4. $\frac{x^2 + 8x - 20}{x + 2}$

_____ 5. $\frac{x^2 - 3x - 40}{x + 5}$

_____ 6. $\frac{x^2 - 8x + 15}{x - 3}$

_____ 7. $\frac{x^2 + 7x + 10}{x^2 + 6x + 8}$

_____ 8. $\frac{x^2 + 3x - 4}{x^2 - 4x + 3}$

_____ 9. $\frac{x^2 + 4x - 12}{x^2 + 8x + 12}$

_____ 10. $\frac{18x^2 - 9x + 1}{3x - 1}$

_____ 11. $\frac{6x^2 + 13x + 6}{2x + 3}$