Name: _____

Complete as many of the following problems as you can. You do not have to go in order. You can use a calculator to check your work but not to solve the problems.

If **your entire table** finishes early, you may leave early.

Simplify the following expressions:

(1) $\dfrac{x^2 - 36}{5x - 30}$

(2) $\dfrac{2x + 18}{x^2 + 8x - 9}$

(3) $\dfrac{x^2 + 9x - 10}{2x + 20}$

(4) $\dfrac{x^2 - 7x + 12}{16 - x^2}$

(5) $\dfrac{12x^4}{12x^2 + 18x}$

(6) $\dfrac{x^2 - 2x - 35}{x^2 - 9x + 14}$

(7) $\dfrac{5 + 4x - x^2}{x^2 - 3x - 10}$

(8) $\dfrac{12x + 36}{x^2 - x - 12}$

(9) $\dfrac{5x + 15}{x^2 - x - 12}$

(10) $\dfrac{2x^2 + 8x}{3x + 12}$

(11) $\dfrac{3x - 24}{x^2 - 14x + 48}$

(12) $\dfrac{x^2 + 7x - 18}{x - 2}$