

Factoring Practice 2

Name_____

Simplify the rational expression then graph both the original and simplified expressions on your graphing calculator.

1) $\frac{x^2 - 7x + 8}{x - 1}$

2) $\frac{2x^2 + x - 28}{x + 4}$

3) $\frac{2x^2 + 11x - 21}{6x^2 + x - 15}$

4) What is the similarity and the difference between the first and the second graph in each of the three problems?