

Factoring Practice

Name _____

Factor the given polynomials

1) $x^2 + 4x + 3$

2) $x^2 - 4x + 3$

3) $x^2 - 6x + 9$

4) $2x^2 + 5x + 3$

5) $2x^2 - 5x - 3$

6) $4x^2 + 4x - 15$

Simplify the rational expression

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

8) $\frac{x^2+x-12}{2x^2+x-28}$

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