

UB SAT 2009
Homework #9
Factoring
Due: Thurs, Mar 12

Factor completely and then simplify.

1. $\frac{x^2 - 2x - 3}{x^2 - 5x + 6}$

2. $\frac{x^2 + 9x + 18}{x^2 - 9}$

3. $\frac{2x^2 - 11x - 6}{3x^2 - 20x + 12}$

4. $\frac{x^2 - 9}{x^2 - 2x - 3}$

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

6. $\frac{x^2 - 6x - 7}{2x^2 + x - 1}$

7. $\frac{2x^2 + 7x + 3}{4x^2 - 1}$

8. $\frac{x^2 + 4x - 21}{2x^2 - 10x + 12}$

9. $\frac{3x^2 - 2x - 5}{6x^2 - 31x + 35}$