Name_____
Due Date_____
Block_____

Rational Functions Practice Test #1.4

Factor completely. You may show your work on another piece of paper. If the polynomial cannot be factored, show why you know it is prime.

1. $x^2 - 10x + 24$
2. $4x^2 + 40x + 24$
3. $2x^2 + x - 1$
4. $x^2 + 10x + 9$
5. $x^4 - y^4$
6. $b^6 + 27$
7. $2x^2 + 7x - 3$
8. $2x^3 + x^2 - 4x - 3$
9. $5x^3 + 14x^2 + 7x - 2$
10. $x^4 + 4x^3 + 3x^2 - 4x - 4$