

Name _____

Due Date _____

Block _____

Rational Functions Practice Test #1.2

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. $x^2 + 7x + 12$

2. $3x^2 + 6x + 3$

3. $2x^2 + 2x - 7$

4. $x^2 - 4x + 4$

5. $16a^6 - 9y^8$

6. $27b^6 - 64c^{12}$

7. $2x^2 + 3x - 2$

8. $3x^3 + 6x^2 - 3x - 6$

9. $2x^3 + 5x^2 + x - 2$

10. $x^4 + 2x^3 - 3x^2 - 8x - 4$