

Introduction and Intermediate to Algebra

Chapter 6: Factoring Practice Test

60pts

Print Name: _____

Neatness counts for 5 extra credit points – use a pencil.

Factor completely. Use any method.

1) $x^2 - 7x + 10$

5pts

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

5pts

3) $4x^2 - 9$

5pts

4) $3x^2 - 9xy - 30y^2$

5pts

Solve. (5pts for factoring, 5 pts for answer.)

5) $x^2 - x - 20 = 0$

10pts

6) $2x^2 + 7x = 15$

10pts

7) $5x^2 - 26x + 5 = 0$

10pts

8) $6t^3 + 9t^2 = 15t$

10pts