Name:

Algebra

Review (5.10 – 5.11)

**Factor completely**

1. –x3 + 4xy2 2. 16r4 – 24r3 + 9r2

3. t3 + t2 – 2t 4. 2x4 – 162

5. 6x2 + 22xy – 8y2

**Solve**

6. 0 = 3x(4x – 1)(x – 2) 7. 0 = x2 – 4x – 32

8. x2 – 10x – 24 = 0 9. 6k2 = 2k

10. 3x2 – x = 2