**Name:**

**Chapter 8 Practice Quiz**

**Find each product.**

1. (2*a* – *b*)(*a* – 3*b*)
2. (2*x* – 3)(2 – 5*x* + 1)
3. (3– 4*y*)(4+ 3*y*)

**Factor each polynomial.**

1. 24 – 32 – 16
2. 2 + 2*nt* + 5*nt* + 5
3. + 11*m* + 30
4. – 5*x* – 24
5. 3 – 14*x* – 5
6. 2 + 9*a* + 7

**Solve each equation.**

1. (3*c* + 1)(4*c* – 5) = 0
2. = –5*x*
3. = 12*p* – 27
4. 2 – 15 = –3*k*