

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

**Practice Factoring Assessment #3 Questions**  
*Factor Trinomials AC Method and Solve by Factoring*

Factor each trinomial, if possible. If the trinomial cannot be factored using integers, write *prime*.

1. $8p^2 - 6p - 35$	2. $16a^2 - 24a + 5$
3. $2x^2 + 5x + 2$	4. $2t^2 - 11t + 15$
5. $9p^2 + 6p - 8$	6. $24c^2 + 62c + 18$

Solve each equation by factoring.

7.  $2x^2 + 7x + 3 = 0$

8.  $6h^2 + 8h + 2 = 0$

9.  $9y^2 + 18y - 12 = 6y$

10.  $6a^2 = 25a - 14$