

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

**Find each product.**

1.  $(2a + 1)(3a + 2)$

2.  $(5q + 2)(q - 3)$

3.  $(5m - 6)(m + 1)$

4.  $(x + 6)(2x - 1)$

**Factor the quadratic trinomial into the product of two binomials.**

5.  $2y^2 + 3y + 1$

11.  $14c^2 - 25c + 6$

17.  $6g^2 - 11g - 35$

6.  $2m^2 + 15m + 28$

12.  $10b^2 + 29b + 10$

18.  $2t^2 + 3t - 35$

7.  $15p^2 - 38p + 24$

13.  $6n^2 + 7n + 2$

19.  $3m^2 + 7m - 20$

8.  $2x^2 - 19x + 24$

14.  $6x^2 + 13x + 5$

20.  $8a^2 + 10a - 3$

9.  $2t^2 - 11t + 5$

15.  $3e^2 + 2e - 5$

21.  $12 - 20q - 13q^2$

10.  $3a^2 - 13a + 4$

16.  $12 - d - 6d^2$

22.  $36 + x + 2x^2$

