

Factoring worksheet #1  
(leading coefficient is one)

Name \_\_\_\_\_

Factor each trinomial. If the trinomial can't be factored, write prime.

1.  $x^2 + 8x + 7$

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

3.  $x^2 - 6x + 8$

4.  $x^2 - 9xy - 36y^2$

5.  $x^2 + 3x - 18$

6.  $x^2 - 10x - 24$

7.  $t^2 - t - 72$

8.  $x^2 + 2xy - 15y^2$

9.  $t^2 + 4t - 12$

10.  $x^2 - 18xy + 32y^2$

11.  $d^2 - 13d + 36$

12.  $m^2 + 11m + 24$

13.  $x^2 - 10x - 24$

14.  $t^2 + 4t - 21$

15.  $x^2 + 5xy + 4y^2$

16.  $x^2 - 10x - 11$

17.  $x^2 + 7xy + 12y^2$

18.  $x^2 - 5xy - 50y^2$

19.  $x^2 + 5x - 24$

20.  $t^2 + 3t - 10$