

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. $t^2 + 3t - 10$