

Factoring Trinomials Worksheet**Factor the trinomial whose leading coefficient is "1"**

1. $t^2 + 8t + 12$

2. $m^2 - 7m + 12$

3. $n^2 - 3n - 18$

Factor the trinomial whose leading coefficient is NOT "1"

4. $3h^2 + 2h - 16$

5. $6c^2 + 7c + 2$

6. $5p^2 - 22p + 8$

Factor the perfect square trinomial

7. $r^2 + 4r + 4$

8. $49z^2 - 56z + 16$

9. $e^2 - 2cde + c^2d^2$

Factor Completely

10. $n^2 + 3n - 18$

11. $v^2 - 18v + 80$

12. $18z^2 + 9z + 1$

13. $6x^2 + x - 15$

14. $m^2 - 12m + 36$

15. $25v^2 + 30v + 9$

16. $6c^2 - 10c - 4$

17. $x^2 + 7x - 44$

18. $w^2 + 24w + 144$

19. $p^2 - p - 56$

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

21. $u^2 - 16u - 36$

22. $15y^2 - y - 2$

23. $16m^2 - 24mn + 9n^2$

24. $6z^2 - 5z - 4$