

P. Math 10
Factoring Practice

Name -

Factor each completely. Show all steps.

1. $6y^7 - 3y + 12$

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

3. $n^2 - 5n - 24$

4. $14t^2 - 19t - 3$

5. $16x^2 - 49y^2$

6. $m^2 - 15m + 50$

7. $10y(x-3) + 7(x-3)$

8. $10a^3b^2 + 15a^2b^4 - 5a^2b^2$

9. $5a^2 - 7a - 6$

10. $x^2 + 12x - 28$

11. $x^4 - 13x^2 + 36$

12. $4y^2 - 20y - 56$

13. $x^2 + 6x + 9$

14. $25y^2 - 144$

15. $9x^2 + 12x + 4$

16. $12p^2q + 18pq^2$

17. $2h^2 + 5h + 2$

18. $81a^2 - (3a+b)^2$