

NAME _____

Factoring Worksheet

Show all work. If it does not factor, write DNF for "does not factor."

1. $8x^2 + 10x - 3$

2. $-8x^4 + 512x^2$

3. $x^2 + 9$

4. $6g^3h^4 - 7g^2h + 2gk$

5. $81f^2 - 4$

6. $p^2 - 17p + 72$

7. $2k^2 + 11k + 15$

8. $49y^2 - 1$

9. $6x^2 + 42x + 60$

10. $4x^2 - 16$

11. $7m^3 + 63m$

12. $m^2 - 4m - 5$

13. $x^3 - 6x^2 - 16x$

14. $21v^2 - 20v - 25$

15. $b^2 - 9$