

Alg 1 Part 2
Factor by Grouping

Date _____

Factor.

1. $km + 7k + 2m + 14$

1. _____

2. $w^2 - wz + 6w - 6z$

2. _____

3. $k^2 - 5k - mk + 5m$

3. _____

4. $pr - 3p - 8r + 24$

4. _____

5. $4x^2 - 5y - xy + 20x$

5. _____

6. $9a^2 + 3ab + 3a + b$

6. _____

7. $11a^2 - 3b + 33a - ab$

7. _____

8. $5mp - 18pm - 2m^2 + 45p^2$

8. _____

9. $4d^5 + d^3 + 8d^2 + 2$

9. _____

10. $k^3n + k^2n^3 + k + n^3$

10. _____

11. $2m^3 - 6m^2r + 9m - 27r$

11. _____

12. $-40ab - 3ac + 15bc + 8a^2$

12. _____

13. $a^2bc - ab^2d + ac^2d - bcd^2$

13. _____

14. $x^2y^3 - xyz - xy^2z^2 + z^3$

14. _____

15. $2a^5 + 6a^2 - 4a^4 - 3a^3$

15. _____

16. $12w^4 + 6w^3 - 4w^2 - 2w$

16. _____

17. $2x^2y - 10xy + 6x^2 - 30x$

17. _____

18. $60am - 20mx - 30ax + 10x^2$

18. _____

19. $10r^2x - 5rwx - 10r^2w + 5rw^2$

19. _____

20. $14nr^2 + 21nr - 14r^2s - 21rs$

20. _____