

Math Worksheet

Factoring by Grouping

Grade 7

Factor each expression.

1. $-6a + 6b - 8a + 6c$ =

2. $8y^2 + 11 - 3y + 10$ =

3. $8a^2 + c + 6a + c$ =

4. $4(m - 4) + y(m - 4)$ =

5. $9x^2 - 3x - 12xy + 4y$ =

6. $2x - 3y + 4z - 4y$ =

7. $12xy - 6xy + 8xy - 9xy$ =

8. $12a^2 - 12b^2 - 12a + 20$ =

9. $a^2b + b^2a^2 - a^2b - a^2a$ =

10. $2ax - 3bx + 3cy - 4cy$ =

11. $a^2b + a^2b + 2a + 2b$ =

12. $2a - 15 + 3a^2 - 9a$ =