
Homework 11-4
Combining Like Terms with Exponents

Unit 11

Simplify. If the problem has no like terms, write "Simplified".

1. $5p^2 - 7 + 3p^2 + 2$

9. $4hp - 2 - 10ph + 2$

2. $-5(7 + 6m) - 10m$

10. $-7 + 4(1 + 5a) - 3a$

3. $x^4 - 6x + 2x^4 - 4x$

11. $x + 2x^2 + x - 5x^2$

4. $(-2x^2 + 6)4 - 7x^2$

12. $5xy - 3 + 6yx - 2$

5. $3r^4 + 7r^3 + 7r^3 + 8r^4$

13. $x^2y - 9 + 4y^2x + 2yx^2$

6. $n(1 - 4n) - 9n$

14. $r^4 + 2r^2 - 8r^4 - 6r^2$

7. $6n^2 - 5 + 3n$

15. $9b^2 + 5b^3 - 7b^3 - 4b^2$

8. $6x^3 + 7 + 2 - x^3$

16. $-4b^2 - 3(b^2 + 5b)$