

Multiplying Monomials: The Product and Power Rules – Homework Key

Simplify the expression in each problem.

1. x^{17}	2. x^8
3. x^6	4. $-x^{35}$
5. 256	6. x^{15}
7. x^{80}	8. $-x^{15}$
9. $8x^3y^3$	10. $x^{12}y^6z^3$
11. $\frac{27}{8}x^{12}$	12. $-8x^6y^3z^9$
13. $x^{32}y^{12}$	14. $8a^4b^3$
15. $14x^4$	