

Simplifying Expressions (D)

Simplify each expression.

1. $7y \cdot \frac{24a^4y}{8ay \cdot 3a}$

6. $cy + \frac{40c^2}{10} + y^2$

2. $-3vx - x + vx + 1$

7. $\frac{y^4}{y^2} + 6y - 7$

3. $7c \cdot 9c^2 + 2c^2 + 6c^2$

8. $x^2 + \frac{10b^2x^2}{10b^2} - 10b$

4. $4z \cdot \frac{9yz^4}{3z \cdot 3z^2}$

9. $u \cdot \frac{48u^3z}{8uz \cdot 6u}$

5. $8b^2 + b + \frac{36b^2z}{6bz}$

10. $-7y^2 \cdot \left(-\frac{20c^2y}{10y}\right) \cdot (-10)$