

5.1 /5.2 PRACTICE WITH EXPONENT PROPERTIES

Simplify completely:

1. $(mn^2)(m^3n)$

2. $(3y^2)(-2xy)$

3. $\frac{8n^2m^4}{2nm^2}$

4. $(x^2y)^3$

5. $\frac{x^3y}{x^2y}$

6. $(-3ab)^2(2b^2)$

$$7. \frac{x^{11}}{x^6}$$

$$8. (x^2 y)(2xy)^3$$

$$9. \frac{4a^4 b}{2a^3}$$

$$10. (3a^2 b)(b^3)$$

$$11. \frac{2^3 y^2}{y^5}$$

$$12. (-3a b c^2)(5a^2 b^4)$$