



Math Foundations: Exponents

Take Away Practice Worksheet

ANSWER KEY

Instructions: At the top of the page, remind yourself of the exponent rules by writing down an example of each or a short sentence about how they function. Then, simplify the expressions that follow. You can find the answer key here.

Exercises:

1. $\frac{2x^3 \cdot x^4 \cdot y^2}{4x^2 \cdot y}$

Answer: $\frac{1}{2}x^5y$

2. $\frac{3x^{-2}y^4 \cdot y^{-1}x^5}{6x^3y^2}$

Answer: $\frac{1}{2}y$

3. $(3a^{-1}b^2)^3$

Answer: $27\frac{b^6}{a^3}$