



Math Foundations: Exponents

Take Away Practice Worksheet

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](#).

Review:

- Product Rule:
- Quotient Rule:
- Negative Power Rule:
- Power Raised to a Power Rule:

Exercises:

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

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

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