

Exponents and Powers

Understanding Exponents

Write the following expressions using exponents:

Multiply 333 by itself 4 times.

Write $2 \times 2 \times 2 \times 2 \times 2$ as a power.

Express $7 \cdot 7 \cdot 7$ as a base and exponent.

Simplify 5^1

Simplifying Expressions

$$2^2$$

$$4^2 \times 2^3$$

$$3^4 - 3^2$$

Simplifying Expressions

$$5^3 \times 5^3$$

$$6^4 \div 6^2$$

$$(3^2)^3$$