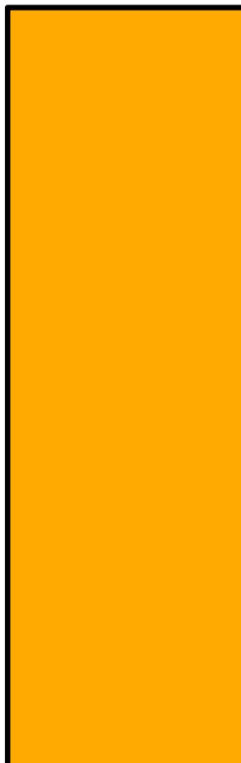


Use exponent properties to write each expression as a single term, then simplify. No negative exponents.

$$6^3 \times 6^{-4}$$

exponents.

Warm - Up
11/16



$6^3 \times 6^{-4}$
 $6^{3+(-4)}$ prod prop
 6^{-1} neg exp prop
 $= \frac{1}{6^1}$

Use exponent properties to write each expression as a single term, then simplify.

No negative exponents.

$$\frac{4^3}{4^{-3}}$$

$4^{3-(-3)} = 4^6$

Use exponent properties to write each expression as a single term, then simplify. No negative exponents.

$$3^{-2} \times 3^{-1}$$

Product Property

$$3^{-2 + -1} = 3^{-3}$$

Negative exponents

$$\frac{1}{3^3}$$

Simplify No negative exponents.

$$4^{-1} \times -1^4$$

Neg exp

$$\frac{1}{4} \times -1$$

$$-\frac{1}{4}$$

