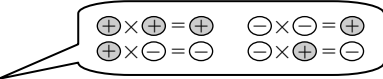


8.1 Warm Up



1. Multiply. Write your answers in lowest terms.

a) $-\frac{2}{3} \times \left(-\frac{3}{4}\right)$

b) $-\frac{1}{4} \times \frac{3}{2}$

2. Change each mixed fraction to an improper fraction.

a) $2\frac{3}{4}$

b) $-1\frac{5}{6}$

3. Divide. Write your answer in lowest terms.

a) $\frac{2}{5} \div \frac{2}{3}$
 $= \frac{2}{5} \times \frac{3}{2}$

Multiply by the reciprocal.

b) $\frac{1}{3} \div \frac{1}{6}$

=

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Multiply the numerators
Multiply the denominators

=

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Write in lowest terms.

4. Round each number to the nearest tenth (1 decimal place).

a) $3.527 \rightarrow$ _____

b) $-15.9213 \rightarrow$ _____

5. To isolate the variable, what do you do to both sides?

Isolate means to get the variable by itself on 1 side of the equal sign.

a) $\frac{x}{3} = -12$ _____

b) $y - 5 = 10$ _____

c) $-5x = -20$ _____

d) $m + 6 = -7$ _____