

Section 2.3 Warm Up

1. Write each fraction in lowest terms.

a) $\frac{4}{10} = \frac{\boxed{}}{\boxed{}}$

b) $\frac{30}{50}$

c) $\frac{6}{24}$

d) $\frac{18}{21}$

2. Write each mixed number as an improper fraction.

Example: $2\frac{1}{4} = \frac{(2 \times 4) + 1}{4}$ or $2\frac{1}{4} = 1 + 1 + \frac{1}{4}$

$$= \frac{9}{4} \qquad \qquad \qquad = \frac{4}{4} + \frac{4}{4} + \frac{1}{4}$$

$$= \frac{9}{4}$$

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

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

c) $1\frac{3}{7}$

d) $4\frac{5}{9}$



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3. Add or subtract. Write your answers in lowest terms.

a) $\frac{3}{4} + \frac{1}{4}$

b) $\frac{5}{7} - \frac{1}{7}$

4. Use a common denominator to add or subtract. Write your answers in lowest terms.

a) $\frac{1}{2} + \frac{1}{3}$

b) $3\frac{3}{5} + 2\frac{1}{10}$

c) $\frac{3}{4} - \frac{1}{3}$

d) $1\frac{3}{8} - \frac{1}{4}$



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5. Multiply. Write your answers in lowest terms.

a) $\frac{1}{2} \times \frac{1}{3}$

b) $\frac{2}{3} \times 2\frac{1}{5}$

Change mixed numbers
to improper fractions.

c) $3\frac{3}{4} \times \frac{5}{6}$

d) $5\frac{3}{5} \times 2\frac{6}{7}$



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6. Divide. Write your answers in lowest terms.

a) $\frac{1}{2} \div \frac{1}{4}$
 $= \frac{1}{2} \times \frac{4}{\boxed{}}$
 $= \frac{\boxed{}}{\boxed{}}$
 $= \underline{\hspace{2cm}}$

b) $1\frac{1}{3} \div \frac{1}{4}$

Change mixed numbers to improper fractions.

c) $1\frac{1}{10} \div 2\frac{1}{5}$

d) $2\frac{2}{5} \div 3\frac{1}{2}$

