

Lesson 8 Homework Practice

Divide Fractions

Step 1: Create improper fractions if necessary.

Step 2: K-F-C

K Keep the first fraction-Flip the second fraction (reciprocal)-Change to multiply

Step 3: Multiply the numerators (top)

Step 4: Multiply the denominators (bottom)

Step 5: Simplify and reduce if necessary

Divide. Write in simplest form.

1. $\frac{3}{5} \div \frac{3}{4}$

2. $-\frac{4}{7} \div \frac{8}{9}$

3. $4\frac{1}{5} \div (-7)$

4. $8 \div 4\frac{2}{3}$

5. $\frac{3}{4} \div 1\frac{1}{6}$

6. $7\frac{1}{2} \div 2\frac{1}{2}$

7. $5\frac{1}{4} \div \frac{7}{8}$

8. $-8\frac{1}{3} \div \frac{5}{9}$

9. **COOKING** Mrs. Lau rolls out $2\frac{3}{4}$ feet of dough to make noodles. If the noodles are $\frac{3}{8}$ of an inch wide, how many noodles will she make?

10. **PIZZA** Use the table that shows the weights of three sizes of pizza.



Pizza Size	Weight (lbs)
Extra large	$6\frac{1}{2}$
Medium	$3\frac{1}{4}$
Small	$1\frac{5}{8}$

- a. How many times as heavy is the extra large pizza than the small pizza?

- b. How many times heavier is the medium pizza than the small pizza?