Homework #16

Due Friday, Jan. 24

Name_____

Buckley or Gietzen

1. Convert the following improper fractions to **mixed numbers**. Put in simplest form.

a. $\frac{44}{8} =$ _____ **b.** $\frac{71}{9} =$ _____ **c.** $\frac{54}{10} =$ _____

d. $\frac{32}{5} =$ _____ **e.** $\frac{25}{3} =$ _____ **f.** $\frac{12}{8} =$ _____

2. Convert the following mixed numbers into **improper fractions**.

a. $8\frac{4}{5} =$ _____ **b.** $3\frac{1}{7} =$ _____ **c.** $1\frac{6}{11} =$ _____

d. $6\frac{1}{9} =$ _____ **e.** $11\frac{2}{3} =$ _____ **f.** $9\frac{3}{4} =$ _____

3. Put the following fractions in **simplest form**.

a. $\frac{27}{36} =$ _____ **b.** $\frac{6}{18} =$ _____ **c.** $\frac{55}{105} =$ _____

d. $\frac{9}{30} =$ _____ **e.** $\frac{2}{12} =$ _____ **f.** $\frac{15}{24} =$ _____

4. Draw a picture/model to represent the problem $4 \div \frac{2}{3}$. Then, find the quotient.

5. Complete each problem below. PUT IN SIMPLEST FORM! Then, write the letter above its answer below.

$\frac{2}{5} \div \frac{1}{4} =$	$\frac{3}{7} \bullet \frac{1}{6} =$	$\frac{3}{8} \div \frac{2}{3} =$	$\frac{9}{5} \bullet \frac{5}{8} =$
Y	**D**	**E**	**L**
$\frac{3}{10} \div \frac{5}{6} =$	$\frac{2}{3} \bullet \frac{9}{20} =$	$\frac{8}{5} \bullet \frac{4}{3} =$	$\frac{8}{9} \div \frac{1}{7} =$
T	**R**	**8**	**Y**
$\frac{4}{7} \div \frac{3}{5} =$	$\frac{1}{3} \bullet \frac{6}{7} =$	$\frac{7}{8} \bullet \frac{3}{2} =$	$\frac{8}{11} \div \frac{1}{3} =$
H	**A**	**E**	**A**

Why did the two fours skip lunch?

___	___	___	___		___	___	___	___	___	___	___		___	!
$\frac{9}{25}$	$\frac{20}{21}$	$1\frac{5}{16}$	$6\frac{2}{9}$		$2\frac{2}{11}$	$1\frac{1}{8}$	$\frac{3}{10}$	$\frac{9}{16}$	$\frac{6}{21}$	$\frac{1}{14}$	$1\frac{3}{5}$		$2\frac{2}{15}$	