Name/Nombre: _____ Date/Fecha: _____

FCTG

Dividing mixed number

* Rule: Rewrite, Keep, Change, Flip!
  - ❖ Step 1: Rewrite each _____ as an _____.
  - ❖ Step 2: Keep the _____ fraction using improper fractions.
  - ❖ Step 3: Change the _____ to _____.
  - ❖ Step 4: _____ the second fraction into it _____.
  - ❖ Step 5: Multiply across; that is, _____. Now, you might get an _____ fraction.
  - ❖ Step 6: _____ the answer in simplest form if possible.

Example: Solve $1\frac{3}{4} \div 2\frac{4}{5}$.

- ❖ Step 1: Rewrite $\square\frac{\square}{\square}$ = $\frac{\square}{\square}$ and $\frac{\square}{\square}$ = $\frac{\square}{\square}$.
- ❖ Step 2: Keep $\frac{\square}{\square}$.
- ❖ Step 3: Change $\frac{\square}{\square}$ to $\frac{\square}{\square}$.
- ❖ Step 4: Flip $\frac{\square}{\square}$ to $\frac{\square}{\square}$.
- ❖ Step 5: Multiply $\frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square}$.
- ❖ Step 6: Simplify $\frac{\square}{\square}$ = $\square\frac{\square}{\square}$.

LIVEWORKSHEETS

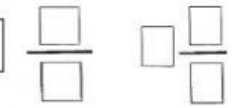
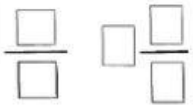
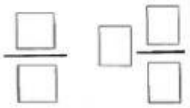
Name/Nombre: _____ Date/Fecha: _____

CTG

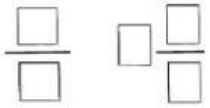
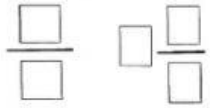
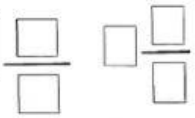
DO NOW!

. Dividing mixed number by mixed number.

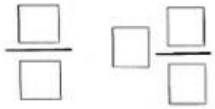
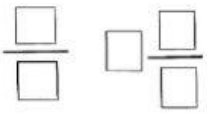
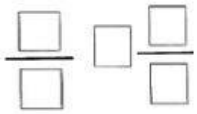
(1) $4\frac{1}{4} \div 1\frac{1}{2}$ (2) $3\frac{3}{4} \div 2\frac{5}{6}$ (3) $6\frac{3}{7} \div 1\frac{1}{2}$

Solution:  Solution:  Solution: 

(4) $5\frac{2}{3} \div 4\frac{1}{5}$ (5) $6\frac{1}{2} \div 3\frac{1}{4}$ (6) $3\frac{1}{6} \div 1\frac{2}{9}$

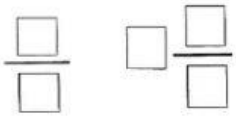
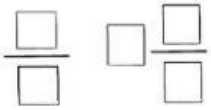
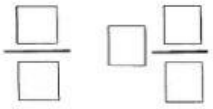
Solution:  Solution:  Solution: 

(7) $2\frac{3}{5} \div 3\frac{2}{5}$ (8) $4\frac{4}{7} \div 2\frac{4}{7}$ (9) $8\frac{5}{6} \div 3\frac{5}{6}$

Solution:  Solution:  Solution: 

2. Dividing mixed number by whole number.

(1) $3\frac{3}{5} \div 2$ (2) $2 \div 3\frac{1}{2}$ (3) $3\frac{6}{7} \div 6$

Solution:  Solution:  Solution: 

LIVEWORKSHEETS