

Name/Nombre: _____ Date/Fecha: _____

ICTG

Dividing Fractions

* Rule: Keep, Change, Flip!

- ❖ Step 1: _____ the first fraction.
- ❖ Step 2: _____ the sign to multiplication
- ❖ Step 3: _____ the second fraction into its
_____.
- ❖ Step 4: Multiply across; that is, _____. Now,
you might get an _____ fraction.
- ❖ Step 5: _____ the answer in simplest form if possible.

Example: Solve $\frac{2}{8} \div \frac{3}{4}$.

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

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DO NOW!

1. Dividing fraction by fraction.

(1) $\frac{1}{7} \div \frac{1}{2}$

Solution: $\frac{\square}{\square}$

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

Solution: $\frac{\square}{\square}$

(3) (1) $\frac{7}{9} \div \frac{1}{7}$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(4) $\frac{8}{15} \div \frac{5}{6}$

Solution: $\frac{\square}{\square}$

(5) $\frac{2}{3} \div \frac{10}{13}$

Solution: $\frac{\square}{\square}$

(6) $\frac{5}{12} \div \frac{6}{9}$

Solution: $\frac{\square}{\square}$

(7) $\frac{4}{7} \div \frac{4}{5}$

Solution: $\frac{\square}{\square}$

(8) $\frac{8}{11} \div \frac{6}{8}$

Solution: $\frac{\square}{\square}$

(9) $\frac{4}{14} \div \frac{7}{8}$

Solution: $\frac{\square}{\square}$

2. Dividing fraction by whole numbers.

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

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(2) $6 \div \frac{2}{3}$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(3) $14 \div \frac{7}{9}$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(4) $\frac{2}{3} \div 4$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(5) $\frac{10}{13} \div 5$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(6) $\frac{5}{8} \div 4$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(7) $\frac{12}{5} \div 3$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(8) $6 \div \frac{18}{7}$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$

(9) $18 \div \frac{8}{9}$

Solution: $\frac{\square}{\square}$ \square $\frac{\square}{\square}$