

Name/Nombre: _____ Date/Fecha: _____

FCTG

Subtracting fractions

* Rule 1: When **subtracting** two fractions with Same denominator, then

- ❖ Step 1: Subtract _____.
- ❖ Step 2: Keep the _____.
- ❖ Step 3: _____ the answer in simplest form if possible.

Example: Solve $\frac{3}{5} - \frac{1}{5}$.

$$\frac{\square}{\square}$$

* Rule 2: When **subtracting** two fractions ($\frac{N1}{D1}$ and $\frac{N2}{D2}$) with different denominators, then

- ❖ Step 1: **Multiply** $D2$ to both $N1$ and $D1$ to get
Multiply $D1$ to both $N2$ and $D2$ to get
- ❖ Step 2: Subtract the _____ numerators and KEEP the _____.
- ❖ Step 3: _____ the answer in simplest form if possible.

Example: Solve $\frac{3}{4} - \frac{5}{14}$.

$$\frac{\square}{\square}$$

Name/Nombre: _____ Date/Fecha: _____

FCTG

DO NOW!

1. **Same denominator.** Solve each problem. Write the answer in mixed numbers and in simplest form (if possible).

$$(1) \frac{6}{10} - \frac{3}{10}$$

$$\frac{\square}{\square}$$

$$(2) \frac{8}{12} - \frac{1}{12}$$

$$\frac{\square}{\square}$$

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

$$\frac{\square}{\square}$$

$$(4) \frac{2}{6} - \frac{1}{6}$$

$$\frac{\square}{\square}$$

$$(5) \frac{8}{9} - \frac{2}{9}$$

$$\frac{\square}{\square}$$

$$(6) \frac{1}{2} - \frac{1}{2}$$

$$\frac{\square}{\square}$$

$$(7) \frac{3}{6} - \frac{5}{6}$$

$$\frac{\square}{\square}$$

$$(8) \frac{13}{7} - \frac{9}{7}$$

$$\frac{\square}{\square}$$

$$(9) 3\frac{3}{5} - 1\frac{2}{5}$$

$$\frac{\square}{\square}$$

2. **Different denominators.** Solve each problem. Write the answer in mixed numbers and in simplest form (if possible).

$$(1) \frac{2}{5} - \frac{1}{3}$$

$$\frac{\square}{\square}$$

$$(2) \frac{4}{5} - \frac{1}{2}$$

$$\frac{\square}{\square}$$

$$(3) \frac{10}{12} - \frac{2}{3}$$

$$\frac{\square}{\square}$$

$$(4) \frac{1}{2} - \frac{1}{5}$$

$$\frac{\square}{\square}$$

$$(5) \frac{8}{10} - \frac{2}{4}$$

$$\frac{\square}{\square}$$

$$(6) \frac{4}{6} - \frac{1}{12}$$

$$\frac{\square}{\square}$$

$$(7) \frac{5}{15} - \frac{5}{12}$$

$$\frac{\square}{\square}$$

$$(8) \frac{16}{7} - \frac{13}{3}$$

$$\frac{\square}{\square}$$

$$(9) 2\frac{4}{6} - 2\frac{3}{8}$$

$$\frac{\square}{\square}$$
$$\frac{\square}{\square}$$