

# Fraction $\times$ and $\div$ : Conceptual Practice, Page 1

Step 1: Without calculating exactly, is the missing value **B**etween 0 and 1 or **G**reater than 1?

$877 \times 3684 = \underline{\hspace{1cm}}$	$\underline{\hspace{1cm}} \times 877 = 3684$	$877 \div 3684 = \underline{\hspace{1cm}}$	$\underline{\hspace{1cm}} \div 3684 = 877$
$877 \times \underline{\hspace{1cm}} = 3684$	$3684 \times \underline{\hspace{1cm}} = 877$	$3684 \div \underline{\hspace{1cm}} = 877$	$\underline{\hspace{1cm}} \div 877 = 3684$
$\underline{\hspace{1cm}} \times 3684 = 877$	$3684 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$	$3684 \div 877 = \underline{\hspace{1cm}}$	$877 \div \underline{\hspace{1cm}} = 3684$

Step 2A: Without calculating exactly, color code any missing values that are the same.

Step 2B: How confident are you in your answers and color coding? Rate each with :-), :-|, or :-(

Step 3: Check your work with software or a calculator

Step 4: What have you learned from this activity? Generate some examples to explain.

# Fraction $\times$ and $\div$ : Conceptual Practice, Page 2

Step 1: Without calculating exactly, state if the missing values are **Greater** than or **Less** than 5197 . How confident are you in your answers? Why?

$\frac{13}{19} \times 5197 = \underline{\hspace{2cm}}$	$5197 \times \frac{13}{19} = \underline{\hspace{2cm}}$	$\frac{13}{19} \div 5197 = \underline{\hspace{2cm}}$	$5197 \div \frac{13}{19} = \underline{\hspace{2cm}}$
$\frac{13}{19} \times \underline{\hspace{2cm}} = 5197$	$\underline{\hspace{2cm}} \times \frac{13}{19} = 5197$	$\frac{13}{19} \div \underline{\hspace{2cm}} = 5197$	$5197 \div \frac{19}{13} = \underline{\hspace{2cm}}$
$\frac{19}{13} \times 5197 = \underline{\hspace{2cm}}$	$5197 \times \frac{19}{13} = \underline{\hspace{2cm}}$	$\frac{19}{13} \div 5197 = \underline{\hspace{2cm}}$	$5197 \div \underline{\hspace{2cm}} = \frac{19}{13}$
$\frac{19}{13} \times \underline{\hspace{2cm}} = 5197$	$\underline{\hspace{2cm}} \times \frac{19}{13} = 5197$	$\frac{19}{13} \div \underline{\hspace{2cm}} = 5197$	$5197 \div \underline{\hspace{2cm}} = \frac{13}{19}$

Step 2A: Without calculating exactly, color code any missing values that are the same.

Step 2B: How confident are you in your answers and color coding? Rate each with :-), :-|, or :-(

Step 3: Check your work with software or a calculator.

Step 4: What have you learned from this activity? Generate some examples to explain.