Name _____ Date _____

Fractions on a Calculator

How to enter a fraction

On most calculators the fraction key looks like this:  Look at your calculator and find it.

$\frac{2}{3}$ → 

$1\frac{3}{4}$ → 

Fraction ↔ decimal: 

The keys differ from one calculator to another. If it doesn't work, ask your teacher or look at the instructions.

Remember

Estimate first, then calculate. If the calculator answer is very different from your estimate, something was probably entered wrong.

1 ON YOUR OWN Estimate, work it out on the calculator and check that the answer is close to your estimate.

Calculation	Estimate	Calculator	✓
$2\frac{3}{4} + 1\frac{5}{6}$	about ☐	☐ ☐/☐	
$5\frac{1}{3} - 2\frac{3}{4}$	about ☐	☐ ☐/☐	
$2\frac{2}{5} \times 3\frac{3}{4}$	about ☐	☐ ☐/☐	
$3 \div \frac{3}{8}$	about ☐	☐ ☐/☐	
$\frac{5}{6} \div \frac{2}{9}$	about ☐	☐ ☐/☐	
$1\frac{1}{2} \div \frac{3}{4}$	about ☐	☐ ☐/☐	

Names (pair) _____ Date _____

2 IN PAIRS **Head or calculator?** One student works it out in their head, the other on the calculator. Who is faster? Circle and swap roles.

Calculation	Answer	Faster
$\frac{1}{2} \div \frac{1}{4}$		head / calculator
$3 \div \frac{1}{3}$		head / calculator
$9 \times \frac{2}{3}$		head / calculator
$1\frac{1}{2} + 2\frac{1}{2}$		head / calculator
$\frac{17}{24} \div \frac{5}{36}$		head / calculator
$3\frac{7}{12} - 1\frac{5}{8}$		head / calculator

When is a calculator useful, and when is it faster to work it out in your head?

_____

_____

3 IN A GROUP **Find the mistake.** What was entered wrongly? Write the correct answer.

For $2 \div \frac{3}{4}$ Ana got $\frac{3}{8}$.

Answer: _____

For $4 \times 1\frac{1}{2}$ Luka got 2.

Answer: _____

★ ON YOUR OWN **Exit card.** Estimate, then work it out on the calculator:

$3\frac{3}{4} \div 1\frac{1}{4} =$ ☐