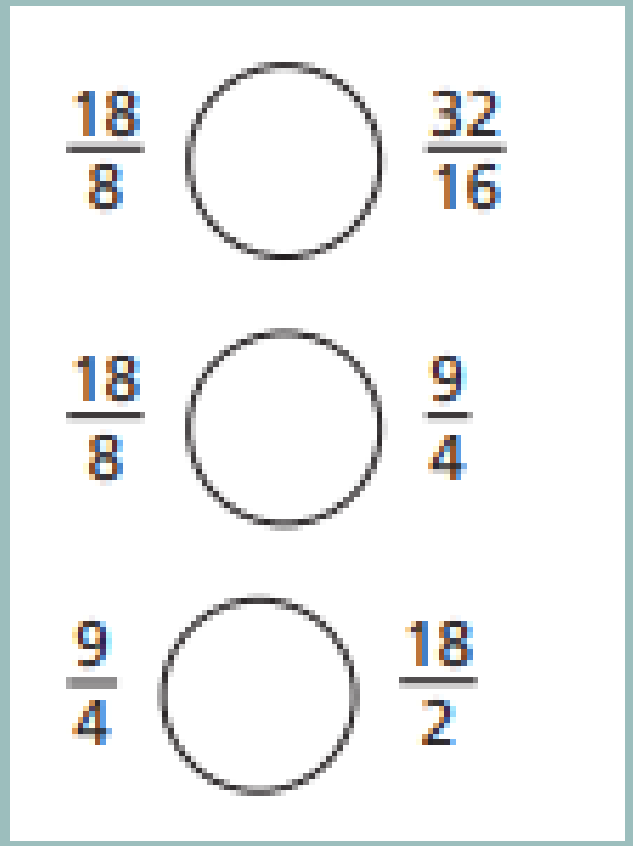

RECALL

a) $\frac{4}{5} + \frac{3}{5} = \square = \square$

b) $\frac{6}{5} + \frac{3}{5} = \square = \square$

c) $\frac{8}{5} - \frac{6}{5} = \square$

d) $\frac{9}{5} - \frac{3}{5} = \square = \square$

GUIDED PRACTICE

LO: comparing fractions greater than one.

Some will even find examples to explain the rules when given a certain criteria.
Some will compare and order fractions less than one
Most will compare multiple fractions.
All will compare fractions by changing the denominator.

LEARNING HABIT RESILIENCE.

a) $\frac{4}{7} + \frac{2}{7} = \square$

$\frac{16}{9} - \frac{8}{9} = \square$

$\frac{7}{15} - \frac{2}{15} + \frac{8}{15} = \square$

INTELLIGENT PRACTICE.

Dive deeper 1

Fill in the missing numerators.

a) $\frac{3}{8} + \frac{\square}{8} = \frac{13}{8}$

b) $\frac{13}{8} - \frac{\square}{8} = \frac{7}{8}$

c) $\frac{13}{8} - \frac{\square}{8} = 1$

Dive deeper 2

$\frac{\square}{8} + \frac{\square}{8} = \frac{13}{8}$

What could the missing numerators be?

Give six different possibilities.

Dora has $2\frac{3}{8}$ litres of juice.

She pours out $\frac{9}{8}$ litres of juice.

How many litres of juice does she have left?

Dive deeper 3

Here are some fraction cards.

$\frac{9}{8}$	$\frac{13}{8}$	$\frac{1}{8}$	$\frac{7}{8}$	$\frac{3}{8}$	$1\frac{7}{8}$

Use the cards to write pairs of fractions with a total of 2

DIVE DEEPER

$\frac{7}{4} > \frac{12}{8}$

$\frac{7}{4} < \frac{22}{12}$

$\frac{10}{6} = \frac{5}{3}$

$\frac{10}{6} < \frac{5}{2}$

$\frac{18}{8} > \frac{32}{16}$

$\frac{18}{8} = \frac{9}{4}$

INTELLIGENT PRACTICE. ANSWERS

Dive deeper 1

Write the fractions in descending order.

a) $\frac{8}{3}, \frac{4}{5}, \frac{8}{15}, \frac{8}{2}, \frac{16}{8}$

b) $\frac{7}{3}, \frac{12}{9}, \frac{15}{9}, \frac{15}{6}, \frac{7}{9}$

8/2, 8/3, 16/8, 4/5
8/15

7/9 12/9 15/9 7/3
15/6

Dive deeper 2

Find three possible ways to complete each statement.

a) $\frac{1}{4} < \frac{\square}{4} < \frac{9}{8}$ b) $\frac{1}{4} < \frac{\square}{15} < \frac{7}{15}$ c) $\frac{4}{5} < \frac{8}{\square} < \frac{8}{4}$

A could be 2,3,4

B could be 5 or 6

C could be 5 6 7
8 and 9

Dive deeper 3

The greater the numerator, the greater the fraction. Give at least three examples to show that statement is not correct.

DIVE DEEPER