$\frac{2}{3}$ ◯ $\frac{6}{12}$

$\frac{2}{3}$ ◯ $\frac{6}{9}$

$\frac{2}{9}$ ◯ $\frac{1}{3}$
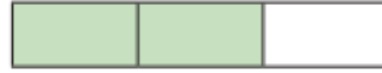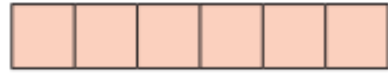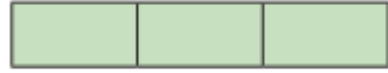
$\frac{4}{9}$ ◯ $\frac{1}{3}$

RECALL

Write <, > or = to compare the fractions.

Use the bar models to help you.

a) $\frac{5}{3}$ ◯ $\frac{9}{6}$
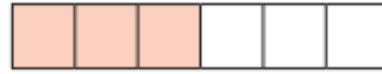
b) $\frac{5}{3}$ ◯ $\frac{15}{9}$

c) $\frac{4}{3}$ ◯ $\frac{13}{9}$

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.

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

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

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

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

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

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

INTELLIGENT PRACTICE.

Dive deeper 1

Write the fractions in descending order.

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

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

Dive deeper 2

Find three possible ways to complete each statement.

a) $\dfrac{1}{4} < \dfrac{\boxed{}}{4} < \dfrac{9}{8}$

b) $\dfrac{1}{4} < \dfrac{\boxed{}}{15} < \dfrac{7}{15}$

c) $\dfrac{4}{5} < \dfrac{8}{\boxed{}} < \dfrac{8}{4}$

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

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

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

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

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

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

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

INTELLIGENT PRACTICE. ANSWERS

Dive deeper 1

Write the fractions in descending order.

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

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

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) $\dfrac{1}{4} < \dfrac{\boxed{}}{4} < \dfrac{9}{8}$

b) $\dfrac{1}{4} < \dfrac{\boxed{}}{15} < \dfrac{7}{15}$

c) $\dfrac{4}{5} < \dfrac{8}{\boxed{}} < \dfrac{8}{4}$

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