

- 1) Starting from 1 count up in $\frac{1}{4}$ until you get to 4
- 2) Starting at 2 count down in $\frac{1}{3}$ until you get to 0
- 3) Starting at 5 count up in $\frac{1}{5}$ until you get to 7

RECALL

Write $<$, $>$ or $=$ to compare the fractions.

Use the bar models to help you.



$$\frac{7}{8} \bigcirc \frac{3}{4}$$



$$\frac{9}{12} \bigcirc \frac{3}{4}$$



$$\frac{7}{12} \bigcirc \frac{2}{3}$$

GUIDED
PRACTICE

LO: comparing fractions less than one.

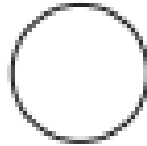
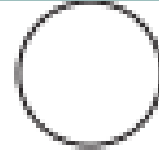
Some will even group fractions.

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. |

 $\frac{2}{3}$  $\frac{6}{9}$  $\frac{4}{9}$  $\frac{1}{3}$  $\frac{8}{12}$  $\frac{2}{3}$

**INTELLIGENT
PRACTICE.**

Dive deeper 1

What could the missing numerators and denominators be?

Write a number in each box to make the statements correct.

a) $\frac{\square}{5} < \frac{5}{15}$

d) $\frac{\square}{3} < \frac{5}{6}$

g) $\frac{6}{9} < \frac{5}{\square}$

b) $\frac{\square}{6} < \frac{5}{12}$

e) $\frac{3}{5} < \frac{5}{\square}$

h) $\frac{10}{12} < \frac{5}{\square}$

c) $\frac{\square}{12} < \frac{5}{6}$

f) $\frac{5}{6} < \frac{5}{\square}$

i) $\frac{23}{24} < \frac{5}{\square}$

Dive deeper 2

Write the fractions in ascending order.

a) $\frac{2}{5}, \frac{2}{7}, \frac{2}{3}, \frac{2}{4}, \frac{2}{10}$

c) $\frac{3}{5}, \frac{7}{10}, \frac{1}{2}, \frac{3}{10}, \frac{1}{5}$

b) $\frac{2}{3}, \frac{5}{9}, \frac{1}{9}, \frac{5}{6}, \frac{2}{9}$

d) $\frac{3}{8}, \frac{6}{17}, \frac{12}{30}, \frac{2}{7}, \frac{1}{3}$

Dive deeper 3

Sort the fractions into the groups.

greater than $\frac{1}{3}$

equal to $\frac{1}{3}$

less than $\frac{1}{3}$

$\frac{2}{3}$

$\frac{1}{6}$

$\frac{1}{2}$

$\frac{2}{6}$

$\frac{2}{9}$

$\frac{5}{12}$

$\frac{4}{12}$

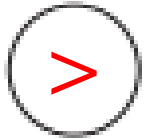
$\frac{4}{15}$

$\frac{5}{15}$

DIVE DEEPER



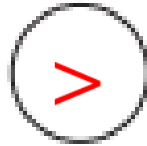
$$\frac{2}{3}$$



$$\frac{6}{9}$$



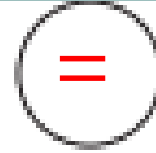
$$\frac{4}{9}$$



$$\frac{1}{3}$$



$$\frac{8}{12}$$



$$\frac{2}{3}$$

INTELLIGENT
PRACTICE
ANSWERS

Dive deeper 1

What could the missing numerators and denominators be?

Write a number in each box to make the statements correct.

a) $\frac{\square}{5} < \frac{5}{15}$

d) $\frac{\square}{3} < \frac{5}{6}$

g) $\frac{6}{9} < \frac{5}{\square}$

b) $\frac{\square}{6} < \frac{5}{12}$

e) $\frac{3}{5} < \frac{5}{\square}$

h) $\frac{10}{12} < \frac{5}{\square}$

c) $\frac{\square}{12} < \frac{5}{6}$

f) $\frac{5}{6} < \frac{5}{\square}$

i) $\frac{23}{24} < \frac{5}{\square}$

There are many possible solutions to this the teachers will mark and tell you the answers.

Dive deeper 2

Write the fractions in ascending order.

a) $\frac{2}{5}, \frac{2}{7}, \frac{2}{3}, \frac{2}{4}, \frac{2}{10}$

c) $\frac{3}{5}, \frac{7}{10}, \frac{1}{2}, \frac{3}{10}, \frac{1}{5}$

b) $\frac{2}{3}, \frac{5}{9}, \frac{1}{9}, \frac{5}{6}, \frac{2}{9}$

d) $\frac{3}{8}, \frac{6}{17}, \frac{12}{30}, \frac{2}{7}, \frac{1}{3}$

A = $2/10, 2/7, 2/5, 2/4, 2/3$

B = $1/9, 2/9, 5/9, 2/3, 5/6$

C = $1/5, 3/10, 1/2, 3/5, 7/10$

Dive deeper 3

Sort the fractions into the groups.

greater than $\frac{1}{3}$

equal to $\frac{1}{3}$

less than $\frac{1}{3}$

$\frac{2}{3}$

$\frac{1}{6}$

$\frac{1}{2}$

$\frac{2}{6}$

$\frac{2}{9}$

$\frac{5}{12}$

$\frac{4}{12}$

$\frac{4}{15}$

$\frac{5}{15}$

Greater than $1/3 = 2/3, 1/2, 5/12$

Equal to $1/3 = 2/6, 4/12, 5/15$

Less than $1/3 = 1/6, 2/9, 4/15$

DIVE DEEPER ANSWERS