

Compare and order fractions less than 1

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

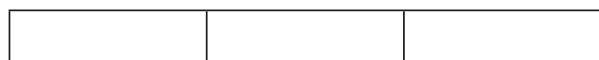
Use the bar models to help you.



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



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



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

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

a) $\frac{1}{5} \bigcirc \frac{4}{15}$

c) $\frac{2}{5} \bigcirc \frac{6}{15}$

b) $\frac{2}{5} \bigcirc \frac{4}{15}$

d) $\frac{2}{3} \bigcirc \frac{6}{15}$



e) $\frac{2}{3} \bigcirc \frac{6}{12}$

i) $\frac{4}{12} \bigcirc \frac{1}{3}$

f) $\frac{2}{3} \bigcirc \frac{6}{9}$

j) $\frac{8}{12} \bigcirc \frac{2}{3}$

g) $\frac{2}{9} \bigcirc \frac{1}{3}$

k) $\frac{8}{12} \bigcirc \frac{3}{3}$

h) $\frac{4}{9} \bigcirc \frac{1}{3}$

l) $\frac{8}{12} \bigcirc \frac{3}{4}$

- 3 Sort the fractions into the groups.

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

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

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

$\frac{2}{3}$

$\frac{1}{6}$

$\frac{1}{2}$

$\frac{2}{6}$

$\frac{2}{9}$

$\frac{5}{12}$

$\frac{4}{12}$

$\frac{4}{15}$

$\frac{5}{15}$

- 4 What could the missing numerators and denominators be?

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

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

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

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

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

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

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

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

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

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

Compare answers with a partner.