

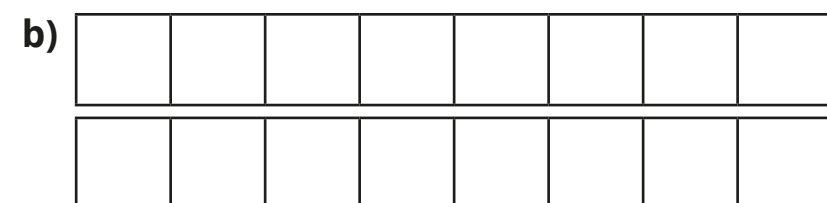
Compare and order non-unit fractions

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

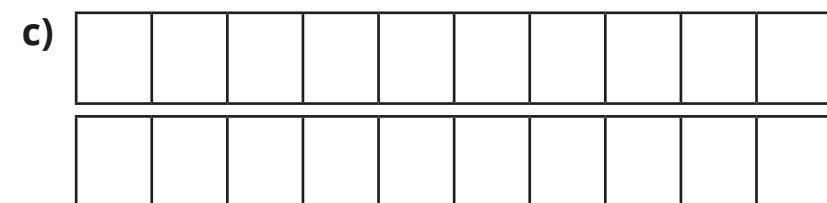
Use the bar models to help you.



$$\frac{5}{8} \bigcirc \frac{3}{8}$$



$$\frac{5}{8} \bigcirc \frac{7}{8}$$

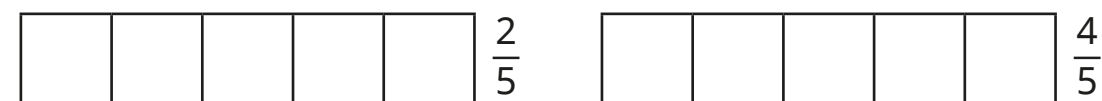
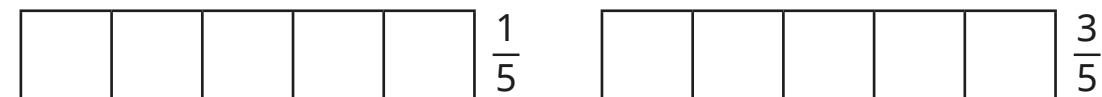


$$\frac{5}{10} \bigcirc \frac{7}{10}$$

What do you notice?

2 Here are some bar models.

a) Shade the bar models to show the fractions.



b) Write $<$ or $>$ to compare the fractions.

$$\frac{1}{5} \bigcirc \frac{3}{5} \quad \frac{4}{5} \bigcirc \frac{1}{5} \quad \frac{0}{5} \bigcirc \frac{1}{5}$$

$$\frac{4}{5} \bigcirc \frac{3}{5} \quad \frac{2}{5} \bigcirc \frac{3}{5} \quad \frac{5}{5} \bigcirc \frac{4}{5}$$

What do you notice?

3 Use the word bank to complete the sentence.

numerator

denominator

greater

smaller

When fractions have the same _____, the

_____ the _____ the _____

the fraction.

Compare answers with a partner.



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

a) $\frac{5}{6}$ ○ $\frac{2}{6}$

d) $\frac{6}{7}$ ○ $\frac{2}{7}$

b) $\frac{1}{6}$ ○ $\frac{2}{6}$

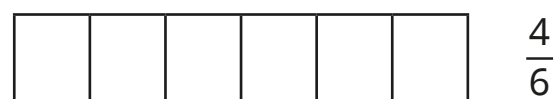
e) $\frac{6}{13}$ ○ $\frac{12}{13}$

c) $\frac{2}{7}$ ○ $\frac{6}{7}$

f) $\frac{13}{15}$ ○ $\frac{13}{15}$

5 Here are some bar models.

a) Shade the bar models to show the fractions.



What do you notice?

b) Write $<$ or $>$ to compare the fractions.

$\frac{4}{5}$ ○ $\frac{4}{7}$

$\frac{4}{7}$ ○ $\frac{4}{8}$

$\frac{9}{11}$ ○ $\frac{9}{15}$

$\frac{4}{6}$ ○ $\frac{4}{5}$

$\frac{4}{13}$ ○ $\frac{4}{17}$

$\frac{27}{33}$ ○ $\frac{27}{142}$

6 Write the fractions in order, starting with the smallest.

a)

$\frac{1}{9}$	$\frac{8}{9}$	$\frac{4}{9}$	$\frac{2}{9}$	$\frac{7}{9}$

b)

$\frac{2}{9}$	$\frac{2}{3}$	$\frac{2}{7}$	$\frac{2}{29}$	$\frac{2}{41}$

c)

$\frac{3}{8}$	$\frac{4}{5}$	$\frac{1}{8}$	$\frac{7}{7}$	$\frac{3}{5}$

7 Use the digit cards to work out what the fractions could be.

You can use the digit cards more than once each time.

1	2	4	5	9
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$\frac{2}{9} < \square < \square < 1$

How many solutions can you find?

Are there any digit cards that you could not use?

Compare answers with a partner.