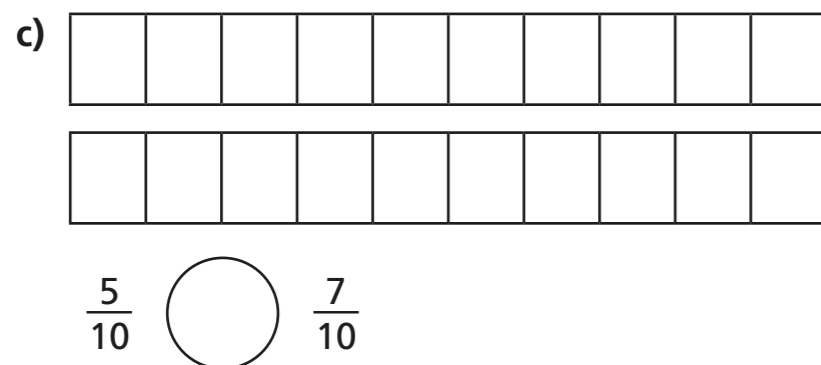
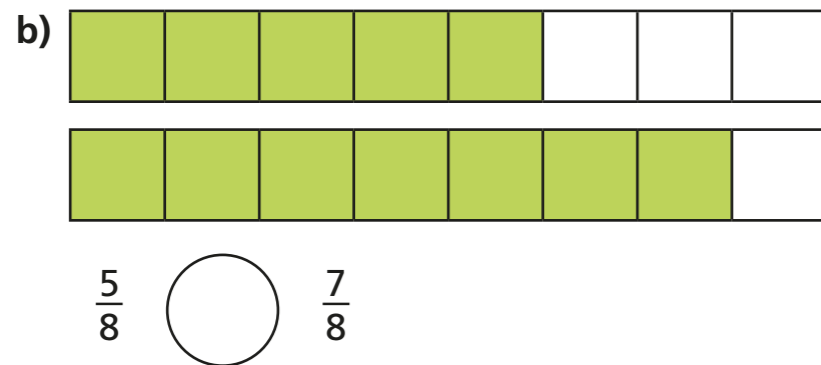
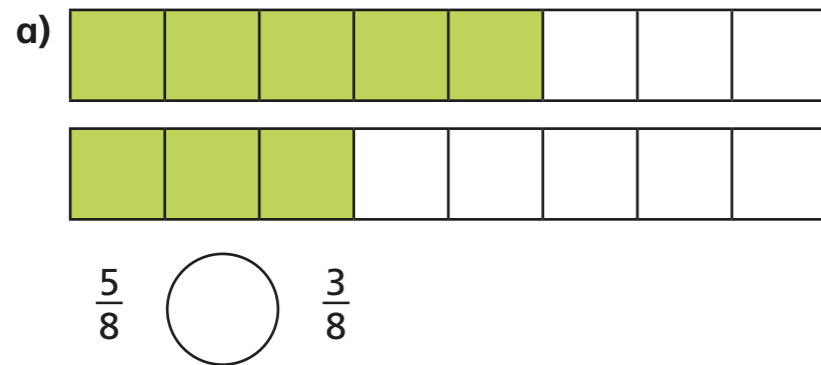


Compare fractions

1 Write $<$, $>$ or $=$ to compare the fractions.
Use the bar models to help you.



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

a) $\frac{1}{5}$ ○ $\frac{3}{5}$

d) $\frac{6}{7}$ ○ $\frac{2}{7}$

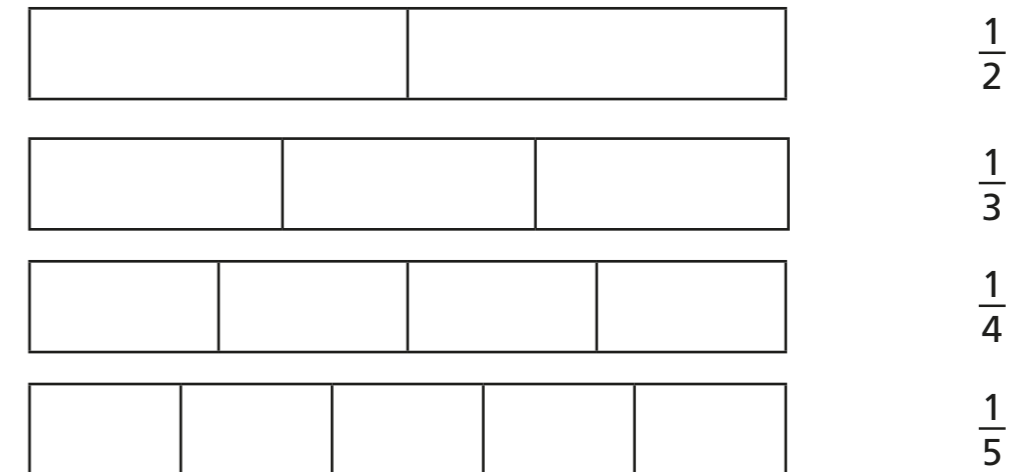
b) $\frac{2}{5}$ ○ $\frac{2}{5}$

e) $\frac{6}{13}$ ○ $\frac{12}{13}$

c) $\frac{2}{7}$ ○ $\frac{6}{7}$

f) $\frac{13}{15}$ ○ $\frac{13}{15}$

3 Here are some bar models.



a) Shade the bar models to represent the fractions.

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

Use the bar models to help you.

$\frac{1}{2}$ ○ $\frac{1}{3}$

$\frac{1}{4}$ ○ $\frac{1}{3}$

$\frac{1}{5}$ ○ $\frac{1}{3}$

$\frac{1}{3}$ ○ $\frac{1}{2}$

$\frac{1}{4}$ ○ $\frac{1}{5}$

$\frac{1}{5}$ ○ $\frac{1}{2}$



- 4 What could the missing numerators and denominators be?
Give three examples for each.

a) $\frac{1}{5} < \frac{\square}{5}$ $\frac{1}{5} < \frac{\square}{5}$ $\frac{1}{5} < \frac{\square}{5}$

b) $\frac{1}{5} < \frac{1}{\square}$ $\frac{1}{5} < \frac{1}{\square}$ $\frac{1}{5} < \frac{1}{\square}$

- 5 Jack is comparing fractions.

$\frac{1}{8}$ is greater than $\frac{1}{4}$
because 8 is greater than 4



Draw bar models to show that Jack is wrong.



- 6 Sort the fractions into the circles.

$\frac{5}{6}$

$\frac{1}{8}$

$\frac{1}{2}$

$\frac{2}{6}$

$\frac{1}{12}$

$\frac{3}{6}$

greater than $\frac{1}{6}$

less than $\frac{1}{6}$

- 7 Complete the sentences using the word bank.

numerator
 denominator
 greater
 smaller

- a) When fractions have the same denominator, the greater the _____, the _____ the fraction.
- b) When fractions have the same numerator, the greater the _____, the _____ the fraction.

