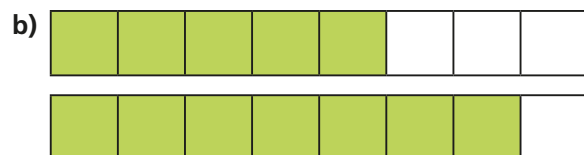


1 Write $<$, $>$ or $=$ to compare the fractions.

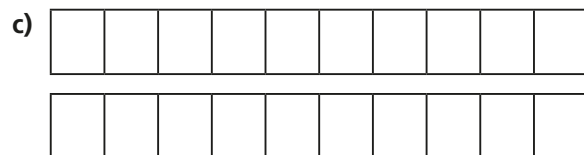
Use the bar models to help you.



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



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



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



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

a) $\frac{1}{5} \bigcirc \frac{3}{5}$

d) $\frac{6}{7} \bigcirc \frac{2}{7}$

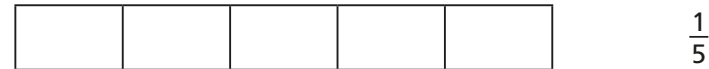
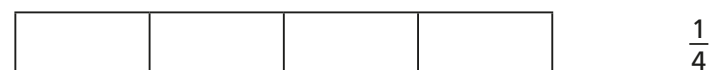
b) $\frac{2}{5} \bigcirc \frac{2}{5}$

e) $\frac{6}{13} \bigcirc \frac{12}{13}$

c) $\frac{2}{7} \bigcirc \frac{6}{7}$

f) $\frac{13}{15} \bigcirc \frac{13}{15}$

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.

$$\frac{1}{2} \bigcirc \frac{1}{3} \quad \frac{1}{4} \bigcirc \frac{1}{3} \quad \frac{1}{5} \bigcirc \frac{1}{3}$$

$$\frac{1}{3} \bigcirc \frac{1}{2} \quad \frac{1}{4} \bigcirc \frac{1}{5} \quad \frac{1}{5} \bigcirc \frac{1}{2}$$

4 What could the missing numerators and denominators be?

Give three examples for each.

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

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



- 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.

$$\frac{1}{2} \bigcirc \frac{1}{3} \quad \frac{1}{4} \bigcirc \frac{1}{3} \quad \frac{1}{5} \bigcirc \frac{1}{3}$$

$$\frac{1}{3} \bigcirc \frac{1}{2} \quad \frac{1}{4} \bigcirc \frac{1}{5} \quad \frac{1}{5} \bigcirc \frac{1}{2}$$

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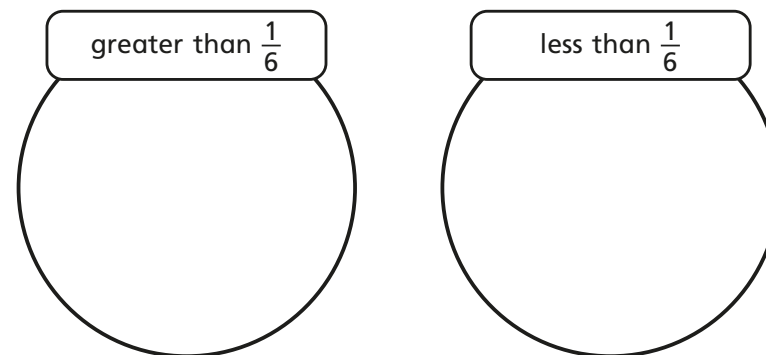
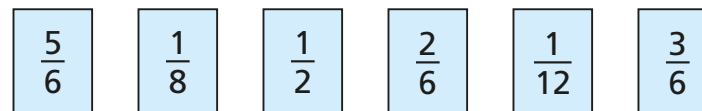
- 5 Jack is comparing fractions.

$\frac{1}{8}$ 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.



- 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.