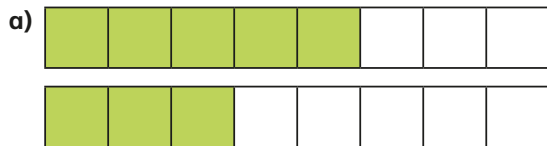
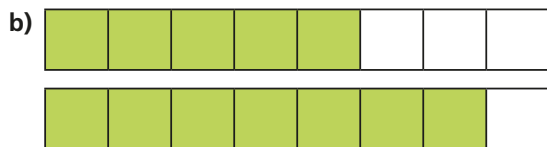


# Compare fractions

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



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



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



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

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.

e.g. a)  $\frac{1}{5} < \frac{\boxed{2}}{5}$       $\frac{1}{5} < \frac{\boxed{3}}{5}$       $\frac{1}{5} < \frac{\boxed{4}}{5}$

b)  $\frac{1}{5} < \frac{1}{\boxed{4}}$       $\frac{1}{5} < \frac{1}{\boxed{3}}$       $\frac{1}{5} < \frac{1}{\boxed{2}}$

- 5 Jack is comparing fractions.

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

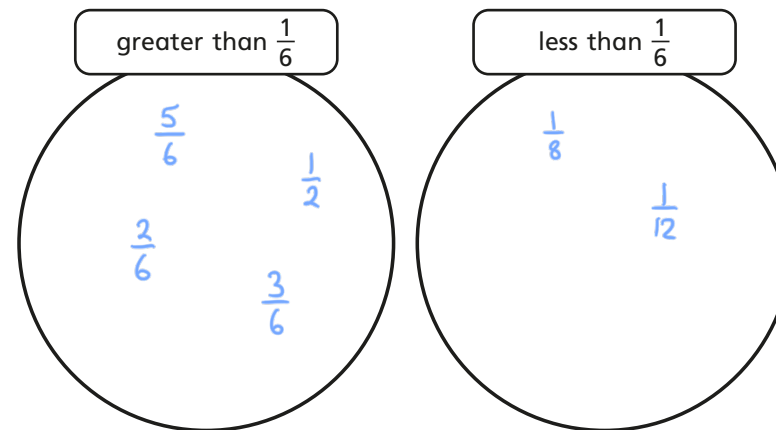
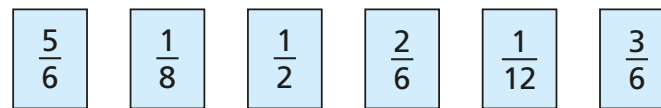


Draw bar models to show that Jack is wrong.

e.g.



- 6 Sort the fractions into the circles.



- 7 Complete the sentences using the word bank.

word bank: numerator, denominator, greater, smaller

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