

# Compare and order (numerator)

1 Use strips of paper to represent the fractions and complete the sentences.

a)  $\frac{1}{3}$ ,  $\frac{1}{5}$  and  $\frac{1}{6}$

The smallest fraction is  The greatest fraction is

b)  $\frac{2}{3}$ ,  $\frac{2}{5}$  and  $\frac{2}{6}$

The smallest fraction is  The greatest fraction is

c)  $\frac{3}{3}$ ,  $\frac{3}{5}$  and  $\frac{3}{6}$

The smallest fraction is  The greatest fraction is

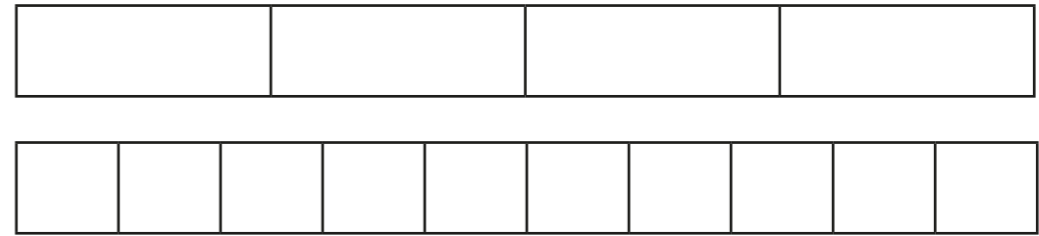
d) What do you notice about your answers?

e) Complete the sentence.

When the \_\_\_\_\_ are the same, the \_\_\_\_\_  
the denominator, the \_\_\_\_\_ the fraction.



2 a) Colour the bar models to compare  $\frac{3}{4}$  and  $\frac{6}{10}$



b) Write <, > or = to complete the statement.

3 Which is the greatest fraction? Circle your answer.

$\frac{3}{100}$

$\frac{3}{1000}$

$\frac{3}{500}$

How do you know?

4 Write < or > to compare the fractions.

a)  $\frac{1}{7}$    $\frac{1}{9}$

d)  $\frac{11}{12}$    $\frac{11}{11}$

b)  $\frac{4}{5}$    $\frac{4}{7}$

e)  $\frac{19}{5}$    $\frac{19}{6}$

c)  $\frac{3}{13}$    $\frac{3}{8}$

f)  $\frac{107}{53}$    $\frac{107}{40}$





5 Explain how can you compare  $\frac{2}{3}$  and  $\frac{4}{5}$  using the same numerator rule.

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Complete the sentence to compare  $\frac{2}{3}$  and  $\frac{4}{5}$

is greater than

6 Scott scored 20 out of 24 in a game.

Dani scored 5 out of 7

Compare their scores.

Explain who you think did best and why.

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7 Write  $<$ ,  $>$  or  $=$  to complete each statement.

a)  $\frac{2}{5} \bigcirc 1\frac{1}{3}$       b)  $\frac{2}{5} \bigcirc \frac{6}{11}$       c)  $3\frac{2}{3} \bigcirc \frac{11}{4}$

$1\frac{2}{5} \bigcirc \frac{1}{3}$        $1\frac{2}{5} \bigcirc 3\frac{6}{11}$        $11\frac{2}{9} \bigcirc \frac{101}{3}$

$1\frac{2}{5} \bigcirc 1\frac{1}{3}$        $3\frac{2}{5} \bigcirc 3\frac{6}{11}$        $11\frac{1}{9} \bigcirc \frac{100}{8}$

$\frac{12}{5} \bigcirc \frac{12}{3}$        $\frac{12}{5} \bigcirc \frac{36}{11}$        $27\frac{3}{4} \bigcirc \frac{111}{3}$

8 Explain how you know when it is best to compare the numerators or denominators of two fractions.

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