Compare and order (numerator)

1 Use strips of paper to represent the fractions.

Complete the sentences for each set.

The smallest fraction is ☐ The greatest fraction is ☐

a) $\frac{1}{3}$, $\frac{1}{5}$ and $\frac{1}{6}$ **b)** $\frac{2}{3}$, $\frac{2}{5}$ and $\frac{2}{6}$ **c)** $\frac{3}{3}$, $\frac{3}{5}$ and $\frac{3}{6}$

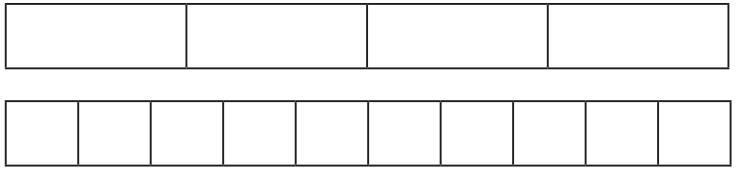
d) What do you notice about your answers?

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) Use <, > or = to compare the fractions.

3 Which is the greatest fraction?

$\frac{3}{100}$ $\frac{3}{1000}$ $\frac{3}{500}$

How do you know?

4 Write < or > to compare the fractions.

a) $\frac{1}{7}$ ◯ $\frac{1}{9}$ c) $\frac{3}{13}$ ◯ $\frac{3}{8}$ **e)** $\frac{19}{5}$ ◯ $\frac{19}{6}$

b) $\frac{4}{5}$ ◯ $\frac{4}{7}$ **d)** $\frac{11}{12}$ ◯ $\frac{11}{11}$ **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.

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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Explain who you think did best and why.

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

a) $\frac{2}{5}$ ◯ $1\frac{1}{3}$

$1\frac{2}{5}$ ◯ $\frac{1}{3}$

$1\frac{2}{5}$ ◯ $1\frac{1}{3}$

$\frac{12}{5}$ ◯ $\frac{12}{3}$

b) $\frac{2}{5}$ ◯ $\frac{6}{11}$

$1\frac{2}{5}$ ◯ $3\frac{6}{11}$

$3\frac{2}{5}$ ◯ $3\frac{6}{11}$

$\frac{12}{5}$ ◯ $\frac{36}{11}$

c) $3\frac{2}{3}$ ◯ $\frac{11}{4}$

$11\frac{2}{9}$ ◯ $\frac{101}{3}$

$11\frac{1}{9}$ ◯ $\frac{100}{8}$

$27\frac{3}{4}$ ◯ $\frac{111}{3}$

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