Year 4

Comparing fractions (1)

Name _____

1 Complete the sentence using **greater** or **less** to compare the fractions.

$\frac{4}{6}$ is _____less_____ than $\frac{4}{5}$

$\frac{5}{10}$ is _____less_____ than $\frac{5}{7}$

2 Complete the statements using $<$, $>$ or $=$

$\frac{3}{5}$ $<$ $\frac{3}{4}$ $\frac{10}{11}$ $>$ $\frac{10}{13}$

$\frac{6}{7}$ $>$ $\frac{6}{8}$ $\frac{37}{40}$ $<$ $\frac{37}{14}$

3 Explain how you know $\frac{5}{3}$ is greater than $\frac{8}{9}$ without drawing a bar model or doing any calculations. $\frac{5}{3}$ is greater than one whole and $\frac{8}{9}$ is less than one whole.

4 Complete the statements with a fraction with the same numerator. For example

$\frac{4}{7}$ $>$ $\boxed{\frac{4}{8}}$ $\frac{8}{13}$ $<$ $\boxed{\frac{8}{12}}$

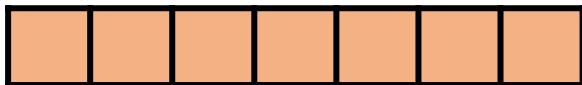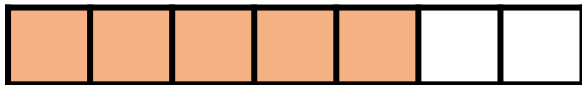$\frac{6}{7}$ $<$ $\boxed{\frac{6}{6}}$ $\boxed{\frac{3}{99}}$ $>$ $\frac{3}{100}$

Name _____

1 Complete the sentence using **greater** or **less** to compare the fractions.

$\frac{4}{6}$ is _____greater_____ than $\frac{3}{6}$

$\frac{5}{7}$ is _____less_____ than $\frac{7}{7}$

2 Complete the statements using $<$, $>$ or $=$

$\frac{2}{5}$ $<$ $\frac{3}{5}$ $\frac{11}{13}$ $>$ $\frac{10}{13}$

$\frac{6}{8}$ $>$ $\frac{1}{8}$ $\frac{37}{40}$ $<$ $\frac{38}{40}$

3 Complete the statements with a fraction with the same denominator.   For example

$\frac{4}{7}$ $>$ $\boxed{\frac{3}{7}}$ $\frac{8}{13}$ $<$ $\boxed{\frac{9}{13}}$

$\frac{6}{7}$ $<$ $\boxed{\frac{7}{7}}$ $\boxed{\frac{4}{100}}$ $>$ $\frac{3}{100}$

4 Dora says "I know that $\frac{2}{3}$ is greater than $\frac{1}{4}$ without doing any working out."

How do you think Dora has compared the fractions? $\frac{2}{3}$ is greater than $\frac{1}{2}$ and $\frac{1}{4}$ is less than $\frac{1}{2}$