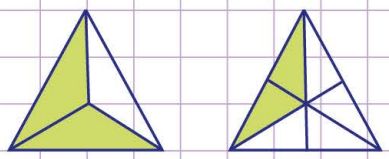
mathskills4kids

Name: ..... Class: .....

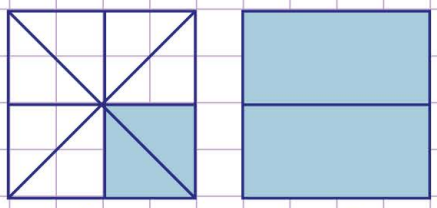
How to compare fractions using models with like numerators

a. Select the fraction that is less using the given models below.



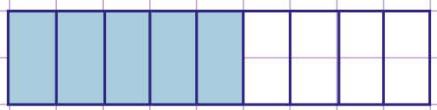
$\frac{2}{3}$ $\frac{2}{6}$

b. Select the fraction that is greater using the given models below.

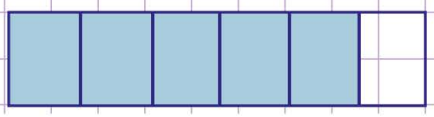


$\frac{2}{8}$ $\frac{2}{2}$

c. Select the fraction that is less using the given models below.



$= \frac{5}{9}$



$= \frac{5}{6}$

Solution

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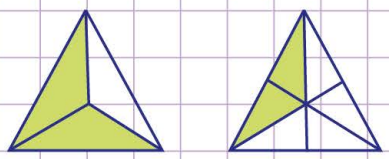
Name: ..... Class: .....

How to compare fractions using models with like numerators

a. Select the fraction that is less using the given models below.

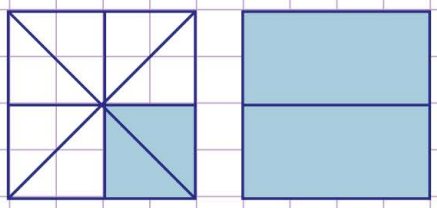


$\frac{2}{3}$ $\frac{2}{6}$

Since both models are of the same size, shape and have the same number of shaded parts, it implies that the model with more unshaded parts is less than the model with less unshaded parts.

So, $\frac{2}{6}$ is less than $\frac{2}{3}$

b. Select the fraction that is greater using the given models below.

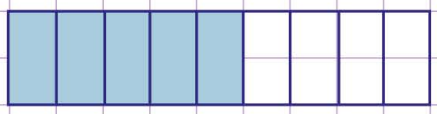


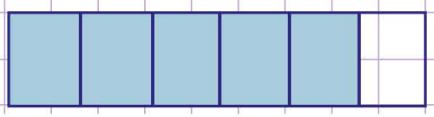
$\frac{2}{8}$ $\frac{2}{2}$

Since both models are of the same size, shape and have the same number of shaded parts, it implies that the model with less unshaded parts is greater than the model with more unshaded parts.

So, $\frac{2}{2}$ is greater than $\frac{2}{8}$

c. Select the fraction that is less using the given models below.

 $= \frac{5}{9}$

 $= \frac{5}{6}$

$\frac{5}{9}$ is less than $\frac{5}{6}$