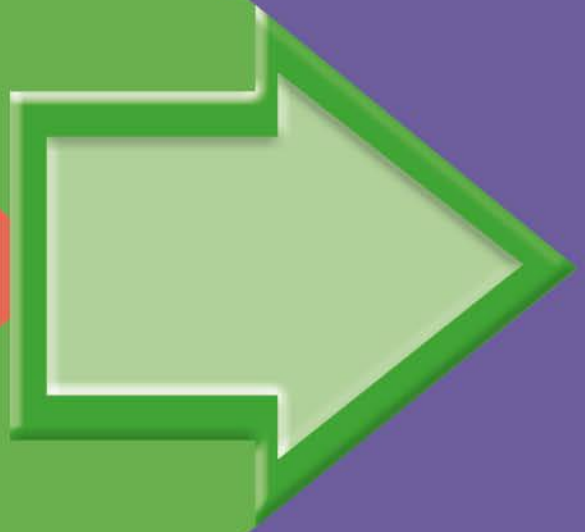
COMPARE AND ORDER (NUMERATOR)



White Rose Maths

GET READY

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1) What is the lowest common multiple of 3 and 12?

2) What is the lowest common multiple of 4 and 9?

3) Write $>, <$ or $=$ to compare the fractions

$$\frac{5}{6} \bigcirc \frac{2}{3}$$

4) Is $\frac{7}{12}$ greater than a half?

1) What is the lowest common multiple of 3 and 12? 12

Multiples of 3: 3, 6, 9, 12

2) What is the lowest common multiple of 4 and 9? 36

Multiples of 9: 9, 18, 27, 36

3) Write $>$, $<$ or $=$ to compare the fractions

$$\frac{5}{6} \; > \; \frac{2}{3} \xrightarrow{\times 2} \frac{4}{6}$$

4) Is $\frac{7}{12}$ greater than a half? Yes

$12 \div 2 = 6$

LET'S LEARN

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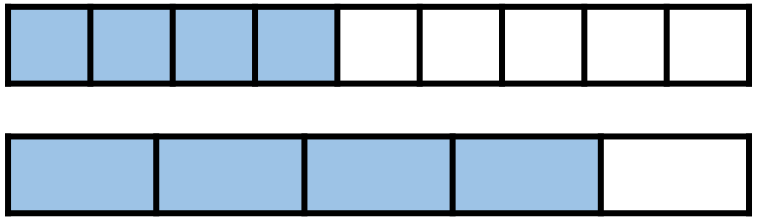
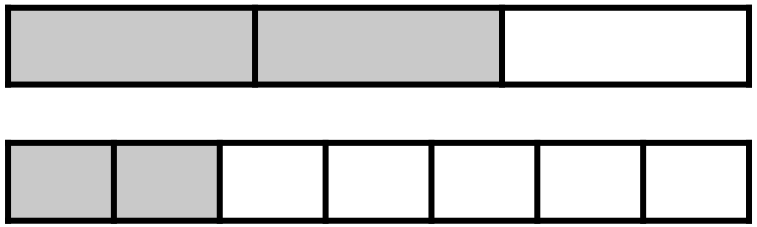
Write $>$, $<$ or $=$ to compare the fractions

$\frac{4}{9} < \frac{4}{5}$



$\frac{2}{3} > \frac{2}{7}$



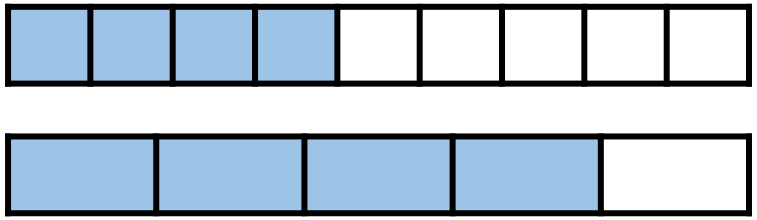
What's the same and what's different?

What do you notice?

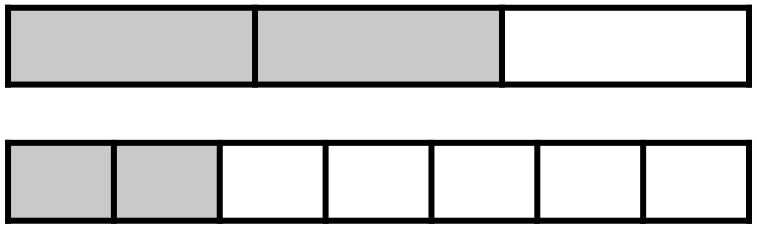
Have a think

Write >, < or = to compare the fractions

$\frac{4}{9} < \frac{4}{5}$



$\frac{2}{3} > \frac{2}{7}$



What's the same and what's different?

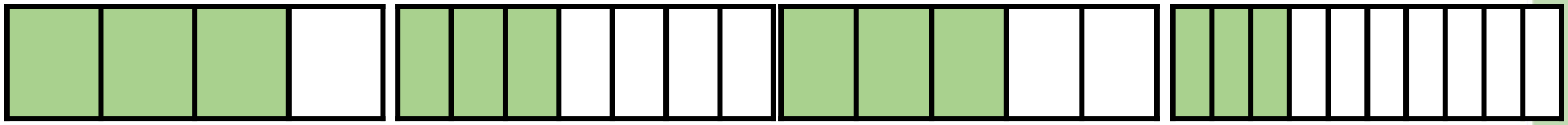
What do you notice?

When the numerators are the same, the greater the denominator, the smaller the fraction.

Put the following fractions in order from greatest to smallest.

$\frac{3}{4}$ $\frac{3}{7}$ $\frac{3}{5}$ $\frac{3}{10}$

When the numerators are the same, the smaller the denominator, the greater the fraction.



Have a think

YOUR TURN

Have a go at questions 1 – 4 on the worksheet

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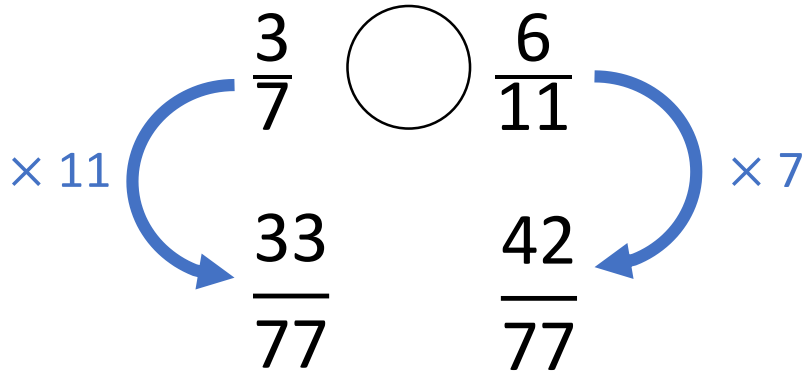
Write $>$, $<$ or $=$ to compare the fractions

$$\frac{3}{7} \bigcirc \frac{6}{11}$$

Multiples of 7: 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84

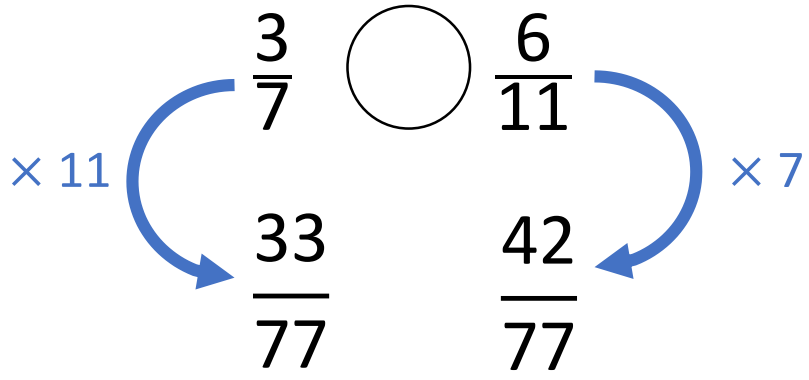
Multiples of 11: 11, 22, 33, 44, 55, 66, 77, 88, 99, 110

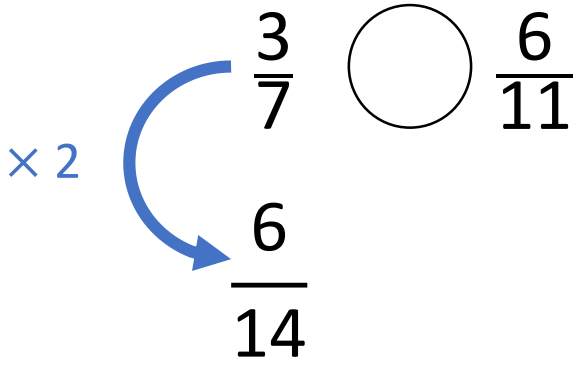


Write $>$, $<$ or $=$ to compare the fractions

$$\frac{3}{7} \bigcirc \frac{6}{11}$$

When the numerators are the same, the greater the denominator, the smaller the fraction.





Write $>$, $<$ or $=$ to compare the fractions

$\frac{3}{10}$ $<$ $\frac{12}{37}$

$\times 4$: $\frac{3}{10}$ → $\frac{12}{40}$

$\frac{4}{9}$ $>$ $\frac{10}{27}$

$\times 3$: $\frac{4}{9}$ → $\frac{12}{27}$

$2\frac{3}{8}$ ◯ $2\frac{1}{5}$

Have a think

Write $>$, $<$ or $=$ to compare the fractions

$2\frac{3}{8} \bigcirc 2\frac{1}{5}$

$2\frac{3}{8} > 2\frac{1}{5}$

$\frac{3}{8} \bigcirc \frac{1}{5}$

$\frac{1}{5} \xrightarrow{\times 3} \frac{3}{15}$

YOUR TURN

Have a go at the rest of the questions on the worksheet

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