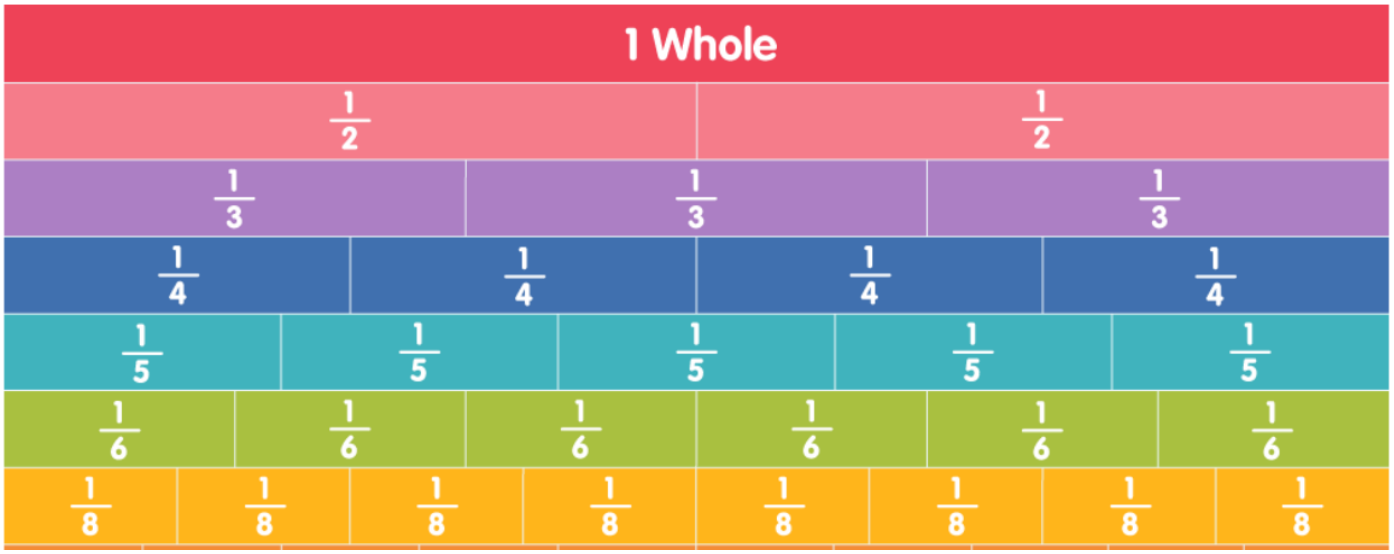
Week beginning 9.11.20

Maths

This week we are looking at comparing fractions.

Monday

Using strips of paper make your own fraction wall like the one below




Use the fraction wall to answer the following questions:

Which is larger

1/5 or 1.2

2/5 or ¼

4/8 or ½?

Explain how you know.

Tuesday

1) Use the fraction wall you made yesterday to explore the following:

Which is smaller

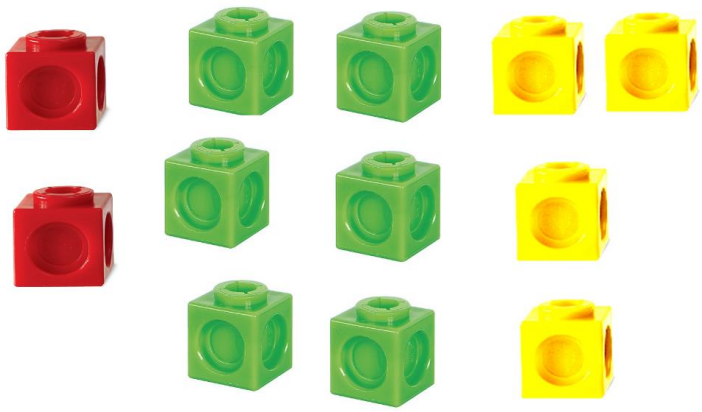
1/3 or ¼

3/5 or ½

2/3 or 5/8?

Use <, > or = to show what you found out.

2) I've collected the following cubes



What fraction of the cubes are red?

What fraction of the cubes are green?

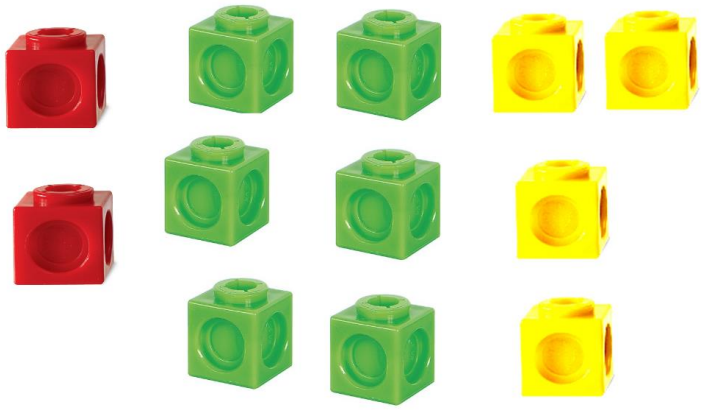
What fraction of the cubes are yellow?

Collect 12 of an object eg pasta, pens, buttons in 3 different colours or draw cubes.

Explore the fractions you have created.

Record to show the size of the colours

Eg



red< yellow< green

2/12 < 4/12 < 6/12

Wednesday

1) Watch the lesson about equivalent fractions

https://whiterosemaths.com/homelearning/year-6/week-8-number-fractions/

2) Create a fraction string of 3 equivalent fractions for

½

¼

2/3

5/8

11/12

3) Play the matching fractions game
https://nrich.maths.org/8283

Here are some fraction cards.
All of the fractions are equivalent.

$\frac{4}{A}$ $\frac{B}{C}$ $\frac{20}{50}$

4)
a) What could the values of A, B and C be?
b) If A + B = 16 what is the value of C

Thursday

1) Watch the lesson titled simplify fractions

https://whiterosemaths.com/homelearning/year-6/week-8-number-fractions/

Sort the fractions into the table.

| Simplifies to $\frac{1}{2}$ | Simplifies to $\frac{1}{3}$ | Simplifies to $\frac{1}{4}$ |
|---|---|---|
| | | |

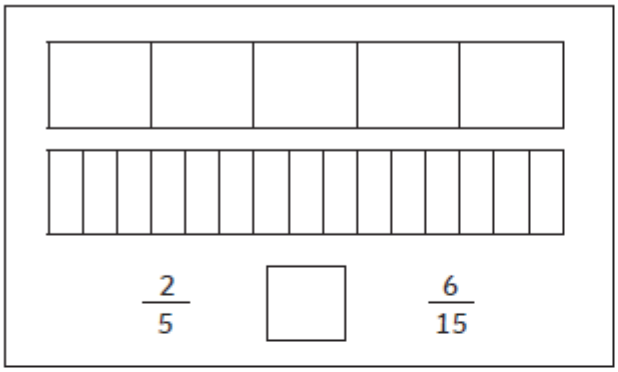
$\frac{5}{15}$ $\frac{2}{4}$ $\frac{4}{16}$ $\frac{8}{16}$ $\frac{5}{10}$ $\frac{3}{9}$ $\frac{6}{12}$ $\frac{2}{8}$

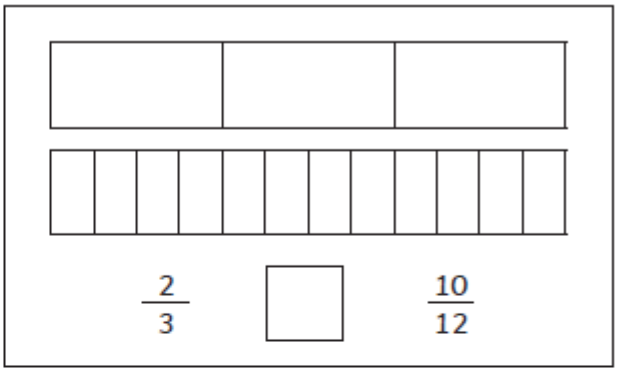
Can you see any patterns between the numbers in each column?
What is the relationship between the numerators and denominators?
Can you add three more fractions to each column?

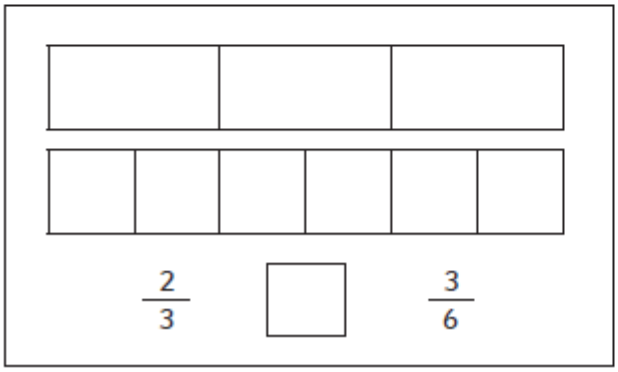
Complete the sentence to describe the patterns:
When a fraction is equivalent to ____, the numerator is _____ the denominator.

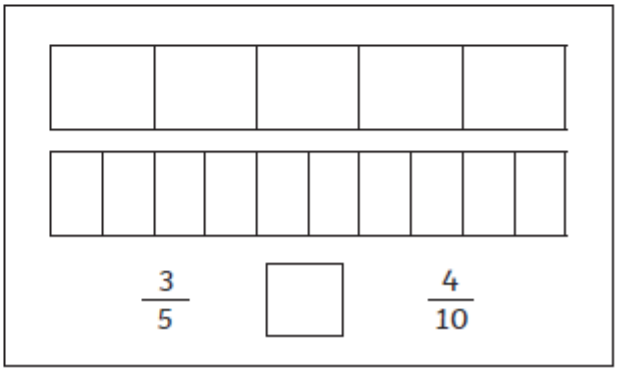
Friday

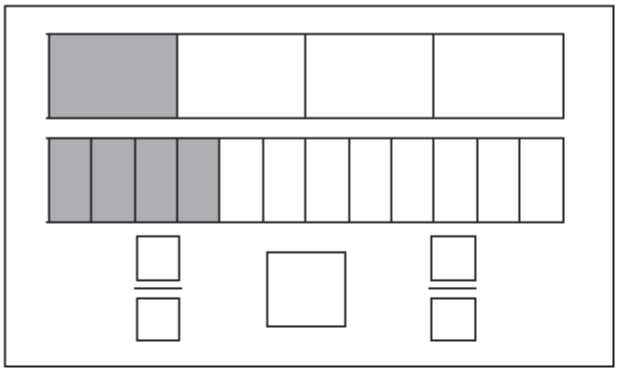
Use <, > or =

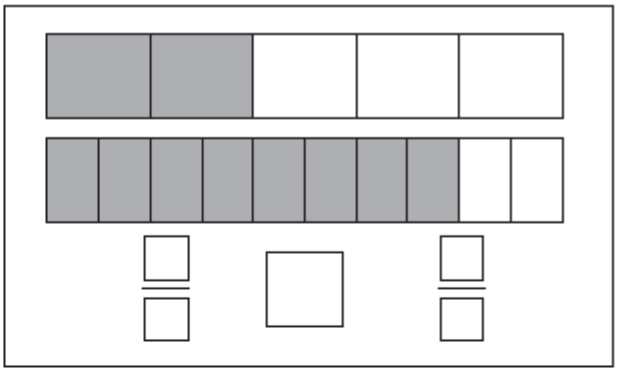


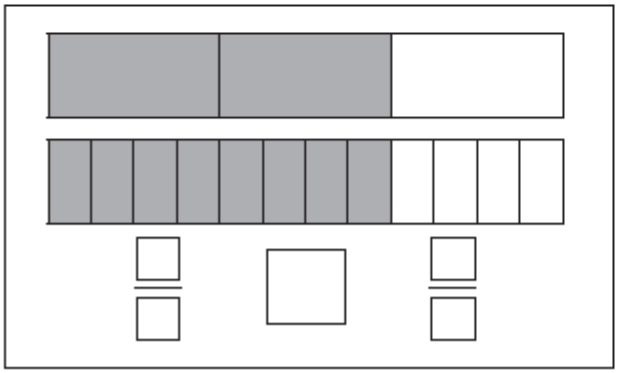



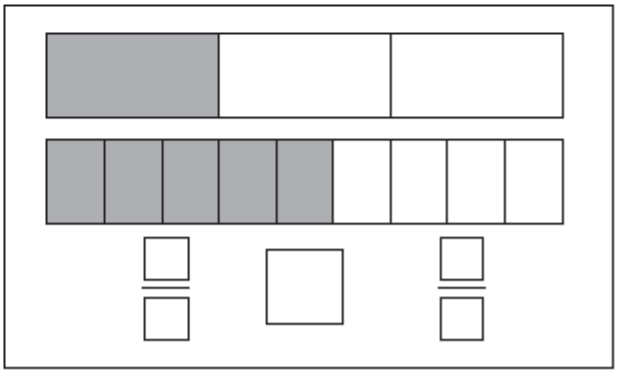









Compare the following fractions drawing pictures as above to help

$\frac{3}{8}$ and $\frac{1}{4}$

$1\frac{1}{3}$ and $4\frac{1}{9}$

$1\frac{7}{12}$ and $3\frac{1}{4}$

$2\frac{2}{3}$ and $3\frac{1}{5}$