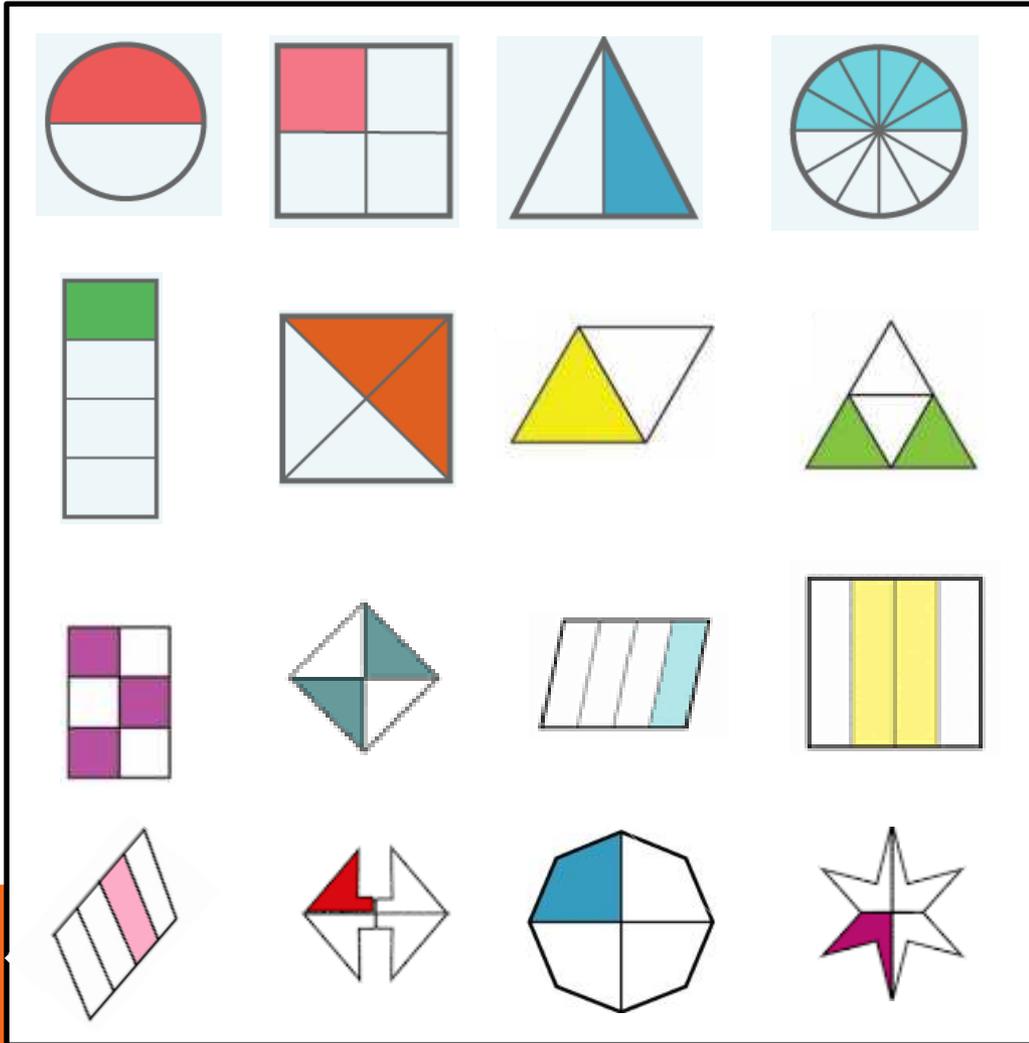


RECALL – FRACTIONS

Draw the table. Sort these shapes into the right column.



$\frac{1}{2}$

half

$\frac{1}{4}$

quarter

Create new shapes for each column.



LO: I CAN USE NUMERATORS AND DENOMINATORS.

Page

Success Criteria

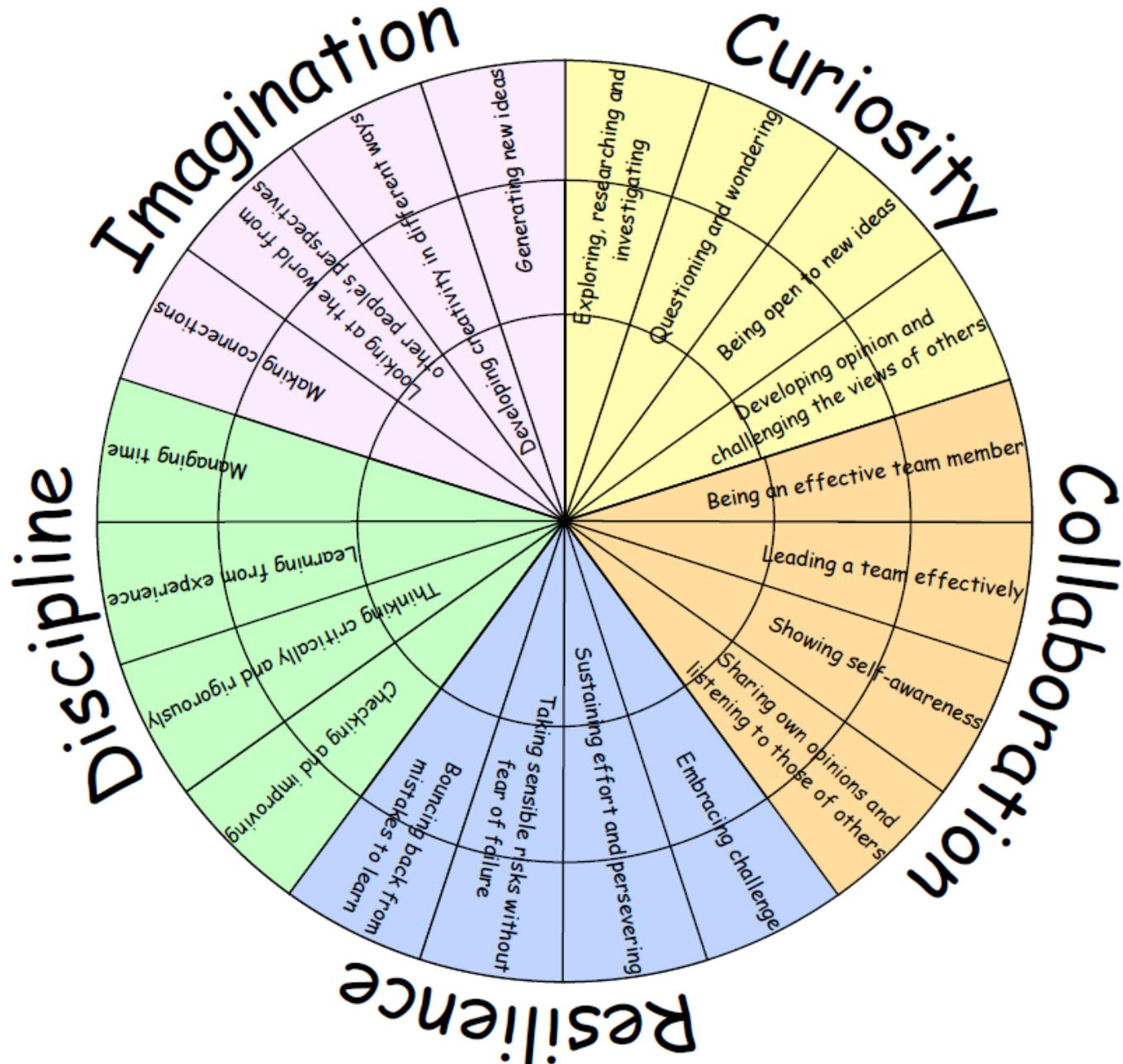
Some will even apply understanding to a variety of fractions.

Some will understand how this relate to familiar fractions.

Most will know the difference between numerator and denominator.

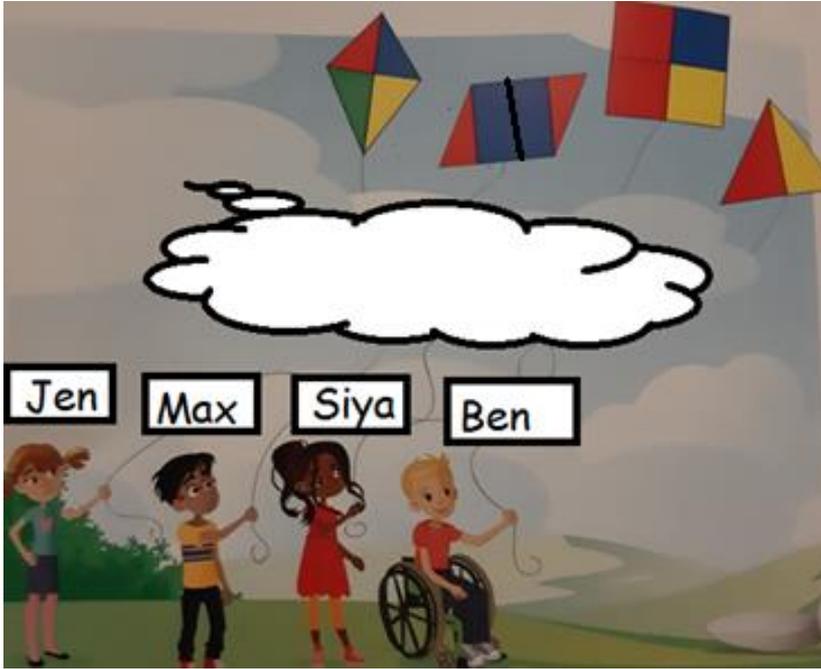
All will recognise simple fractions.

LEARNING HABITS?



GUIDED PRACTICE

Four children fly their kites on a cloudy day.



Siya's kite is $\frac{1}{2}$ red. Which could it be?

Jen's kite is $\frac{1}{4}$ blue. Which could it be?

Siya's kite is half red. Which could it be?

$\frac{1}{2}$ Numerator (One)

2 Denominator (In every two equal parts)

Siya's kite could be any of these three kites, because **1 every 2** equal shapes is red.

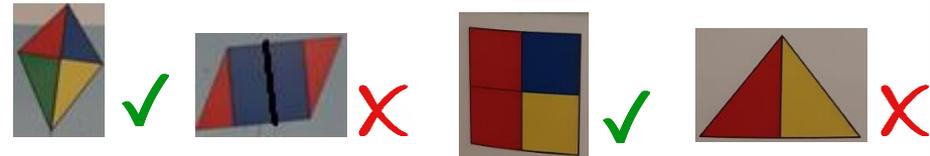


Jen's kite is a quarter blue. Which could it be?

$\frac{1}{4}$ Numerator (One)

4 Denominator (In every four equal parts)

Jen's kite could be any of these two kites, because **1 every 4** is blue.



INTELLIGENT PRACTICE



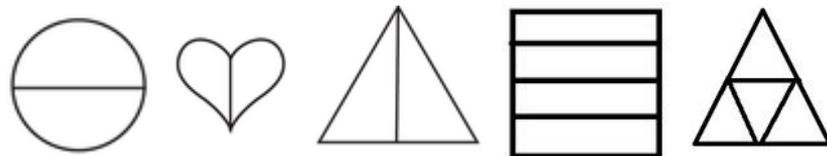
Colour each shape as instructed by the numerator and denominator.

half

$$\frac{1}{2}$$

Numerator (One)

Denominator (In every two equal parts)



quarter

$$\frac{1}{4}$$

Numerator (One)

Denominator (In every four equal parts)

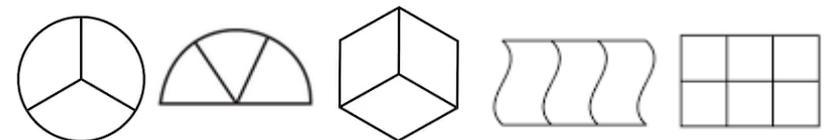


third

$$\frac{1}{3}$$

Numerator (One)

Denominator (In every three equal parts)

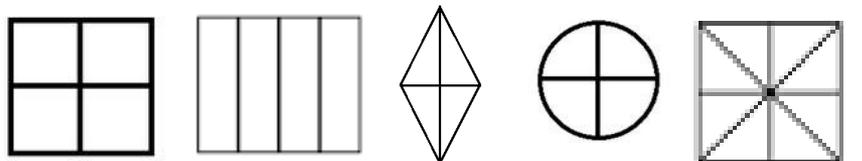


three quarters

$$\frac{3}{4}$$

Numerator (Three)

Denominator (In every four equal parts)

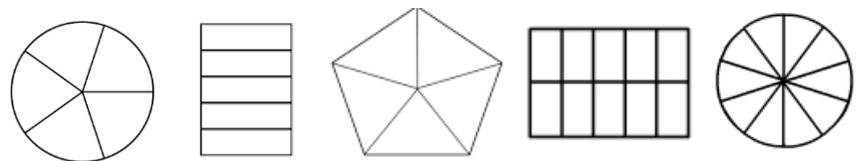


fifth

$$\frac{1}{5}$$

Numerator (three)

Denominator (In every four equal parts)



Explain what the numerator and denominator does in a fraction.



DIVE DEEPER 1

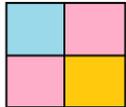
1 Look at the square. Draw a line from each fraction to the colour.



$\frac{2}{4}$ $\frac{1}{4}$ $\frac{1}{4}$

Red Blue Orange

2 There are four equal parts so the denominator has to be 4.

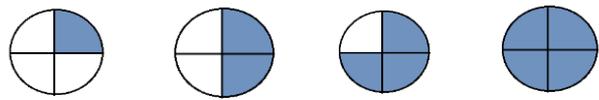


The blue part is $\frac{1}{4}$

The orange part is $\frac{\quad}{4}$

The pink part is $\frac{\quad}{4}$. (same as half).

3 Match each shape to the fraction.



$\frac{3}{4}$ $\frac{1}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

4 Divide this blue bar into 4 equal parts and colour in three quarters.



5 Here are some birds that I saw in the garden.



There are 4 birds altogether so the denominator is 4.

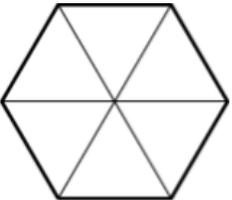
There is 1 robin so the numerator is 1.

There are $\frac{1}{4}$ robins.

There are $\frac{\quad}{4}$ blue tits so the numerator is $\frac{\quad}{4}$.

There are $\frac{\quad}{4}$ blue tits.

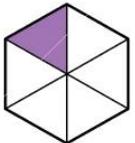
6 The hexagon has six equal triangles inside it so the denominators is 6. Colour the hexagon by looking at the numerator part of the fractions.



$\frac{1}{6}$ BLUE $\frac{2}{6}$ PINK $\frac{3}{6}$ GREEN

DIVE DEEPER 2

1



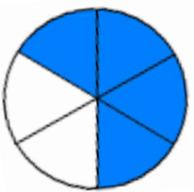
$$\frac{1}{6}$$

This shape has 6 equal parts.
1 is coloured in.

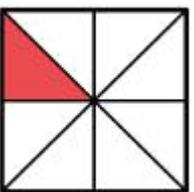
What are the fractions for these shapes?



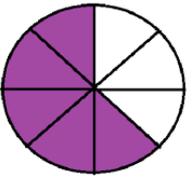
This shape has equal parts.
 is coloured in.
The fraction is...



This shape has equal parts.
 is coloured in.
The fraction is...



This shape has equal parts.
 is coloured in.
The fraction is...



This shape has equal parts.
 is coloured in.
The fraction is...

2

Here are some toy cars.



There are cars so the denominator is .

There are yellow cars.
Write the number of yellow cars as a fraction.

There are green cars.
Write the number of green cars as a fraction.

There is red car.
Write the number of red cars as a fraction.

There are blue cars.
Write the number of blue cars as a fraction.

Compare two fractions using the symbols < > or =

Prove it by drawing them.

