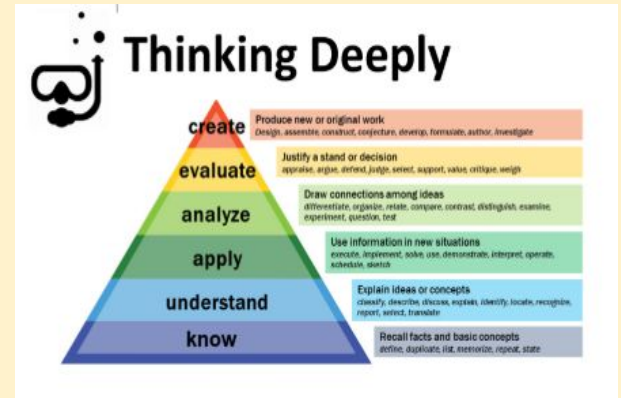


# Fractions

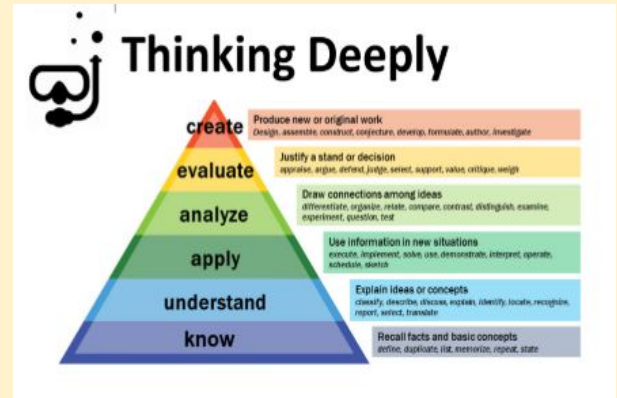
LO: to understand fractions as a whole



# Counting

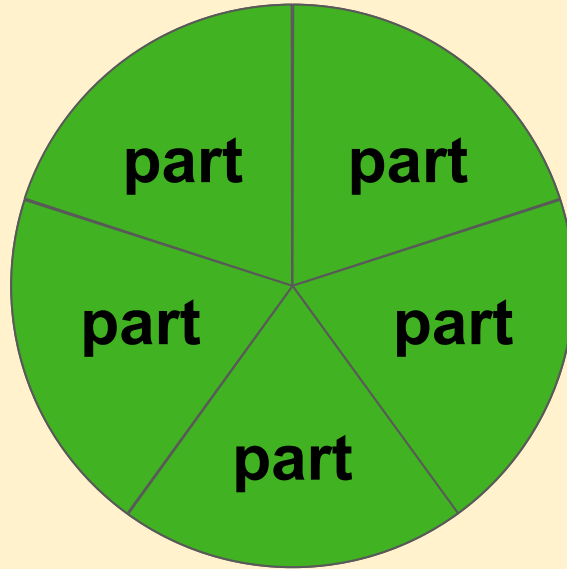
Practise counting back in 10's from 150

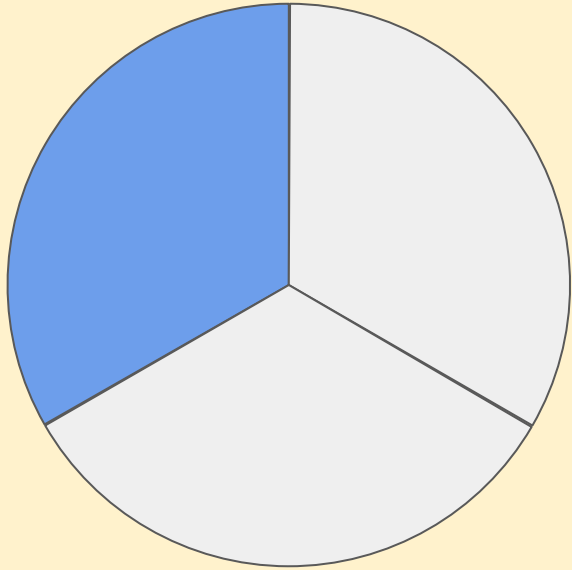
Practise counting back in 5's from 100



# What is a fraction?

Fractions are equal parts of a whole.





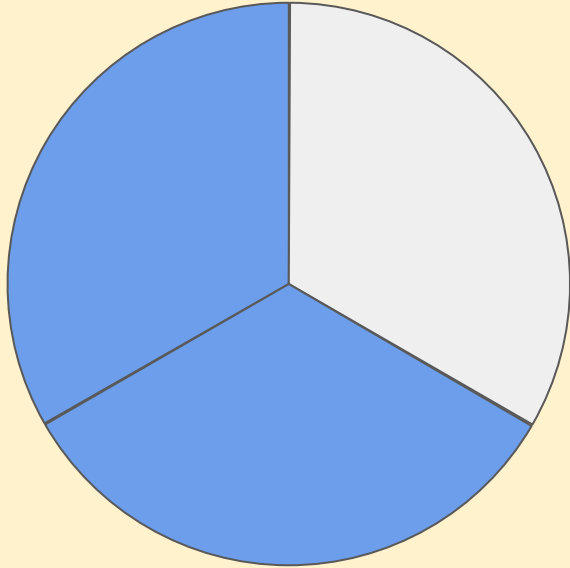
$$\frac{1}{3}$$

What does this represent?

What does this represent?

Fractions are equal parts of a whole.

Can you show this fraction as a drawing?

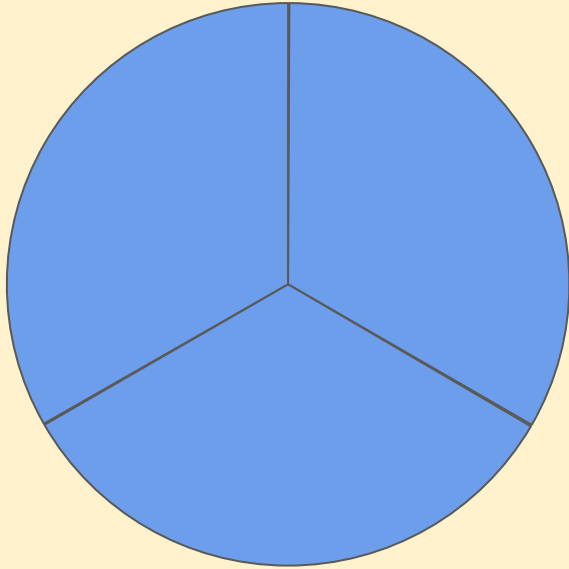


$\frac{2}{3}$

What does this represent?

What does this represent?

Fractions are equal parts of a whole.



How can we write this as a fraction?

$\frac{3}{3}$

What does this represent?

= one whole

What does this represent?

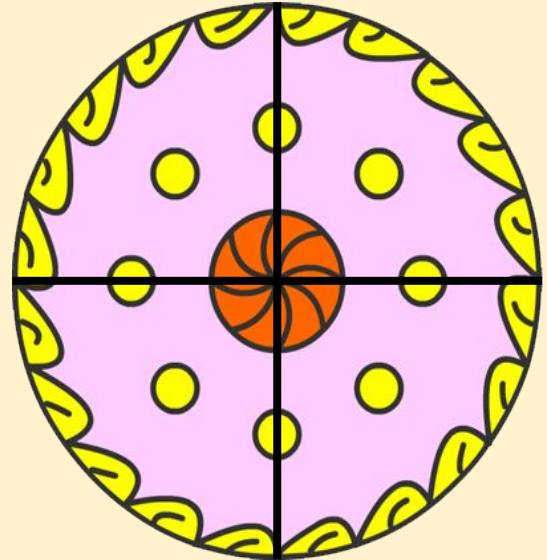
Three parts of three is the same as one whole.

Sam cuts her cake into 4 equal parts...

How can we write this as a fraction?

Four parts of four is  
the same as one  
whole.

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

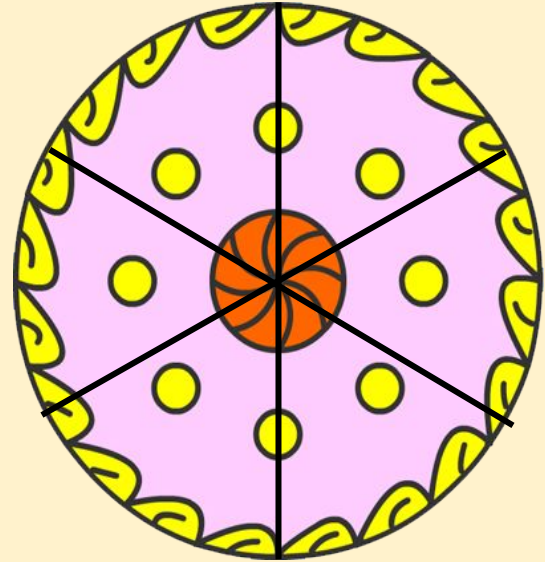


Sam cuts her cake into 6 equal parts

How can we write this as a fraction?

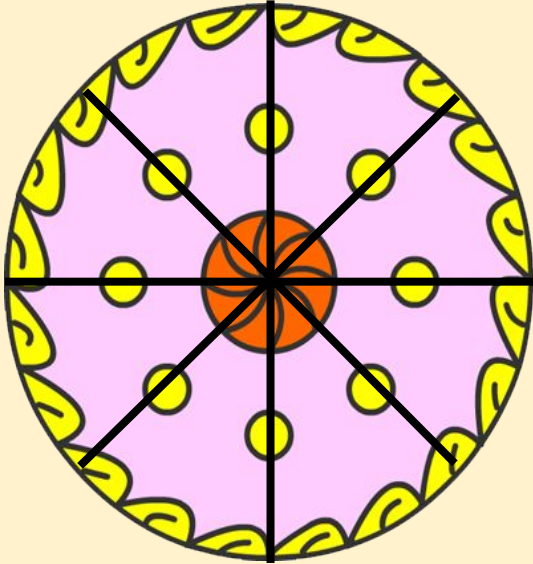
Six parts of six is the same as one whole.

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





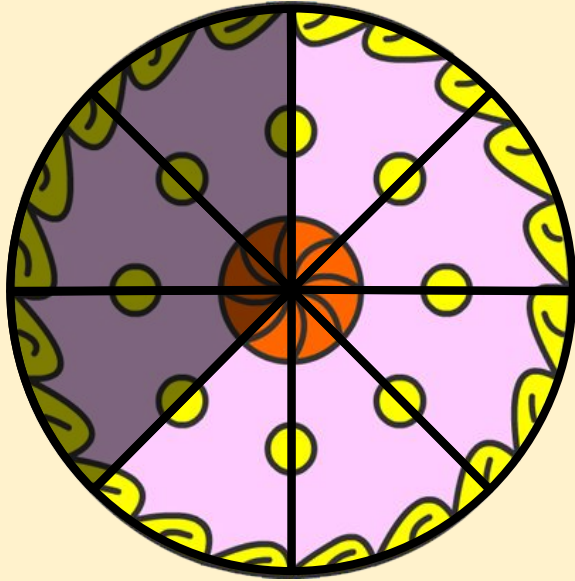
Sam cuts her cake into 8 equal parts



How can we write this as a fraction?

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

Fractions are equal parts of a whole.



Sam eats three parts of her cake.

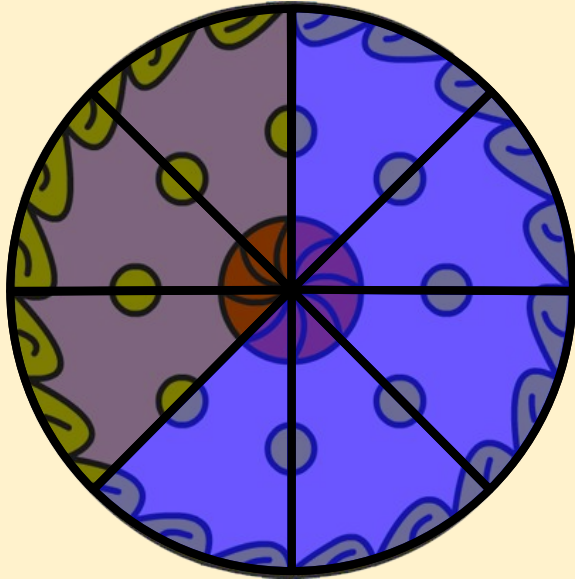
How can we write this as a fraction?

$\frac{3}{8}$

What does this represent?

What does this represent?

Fractions are equal parts of a whole.



Nicola eats the rest of the cake.

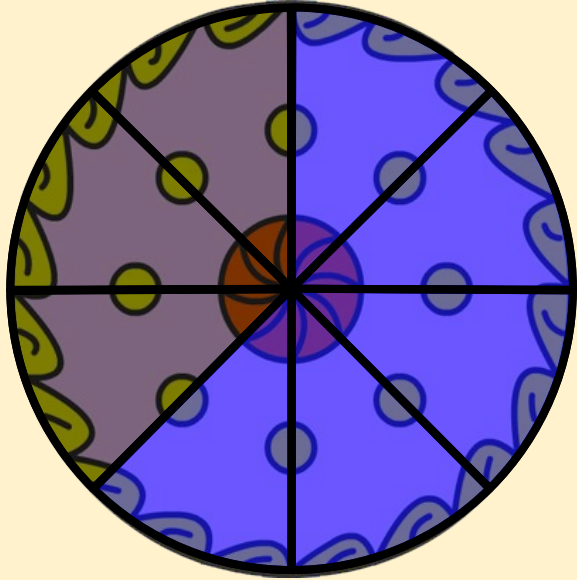
How can we write this as a fraction?

$\frac{5}{8}$

What does this represent?

What does this represent?

Fractions are equal parts of a whole.



$\frac{3}{8}$  and  $\frac{5}{8}$  is the same as one whole.

Fractions are equal parts of a whole.



# Know

Here are  $\frac{1}{3}$  of Jack's marbles.



Draw the rest of Jack's marbles in the bar model.

## Thinking Deeply

What would  $\frac{1}{3}$  of 12 be?

Draw this to explain.

Fractions are equal parts of a whole.

# Understand

Sam says...



I have 1 cake cut into 8 equal pieces.  
I have eaten eight eighths of the cake.

## Thinking Deeply

Explain what  $\frac{7}{7}$  and  $\frac{9}{9}$  and  $\frac{5}{5}$  are the same as.

Does Sam have any cake left?  
Explain how you know.

Fractions are equal parts of a whole.

## Apply

Now Sam and Nicola share a whole  
pizza!  
They cut it into 6 slices

**Can you systematically (order)  
all of the combinations to make a  
whole?**



## Thinking Deeply

Explain how you did this  
task systematically.