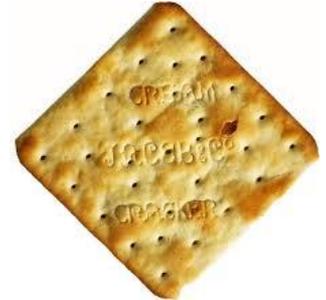
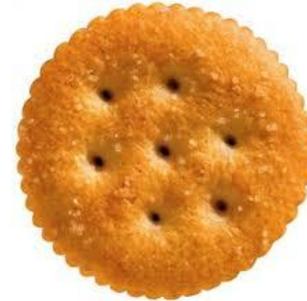
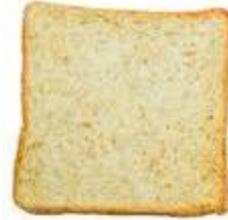
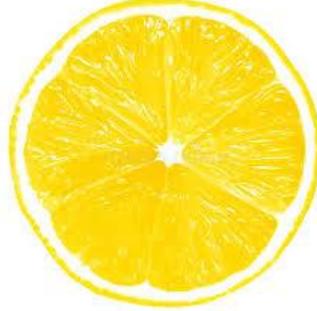


# RECALL – QUARTERS

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

Four children want to share each piece of food.  
Cut them into quarters so they get an EQUAL amount.



Can any food be cut in to quarters differently?



# LO: I KNOW THE FRACTION MEANS A QUARTER (1 IN EVERY 4)

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

Page

## Success Criteria

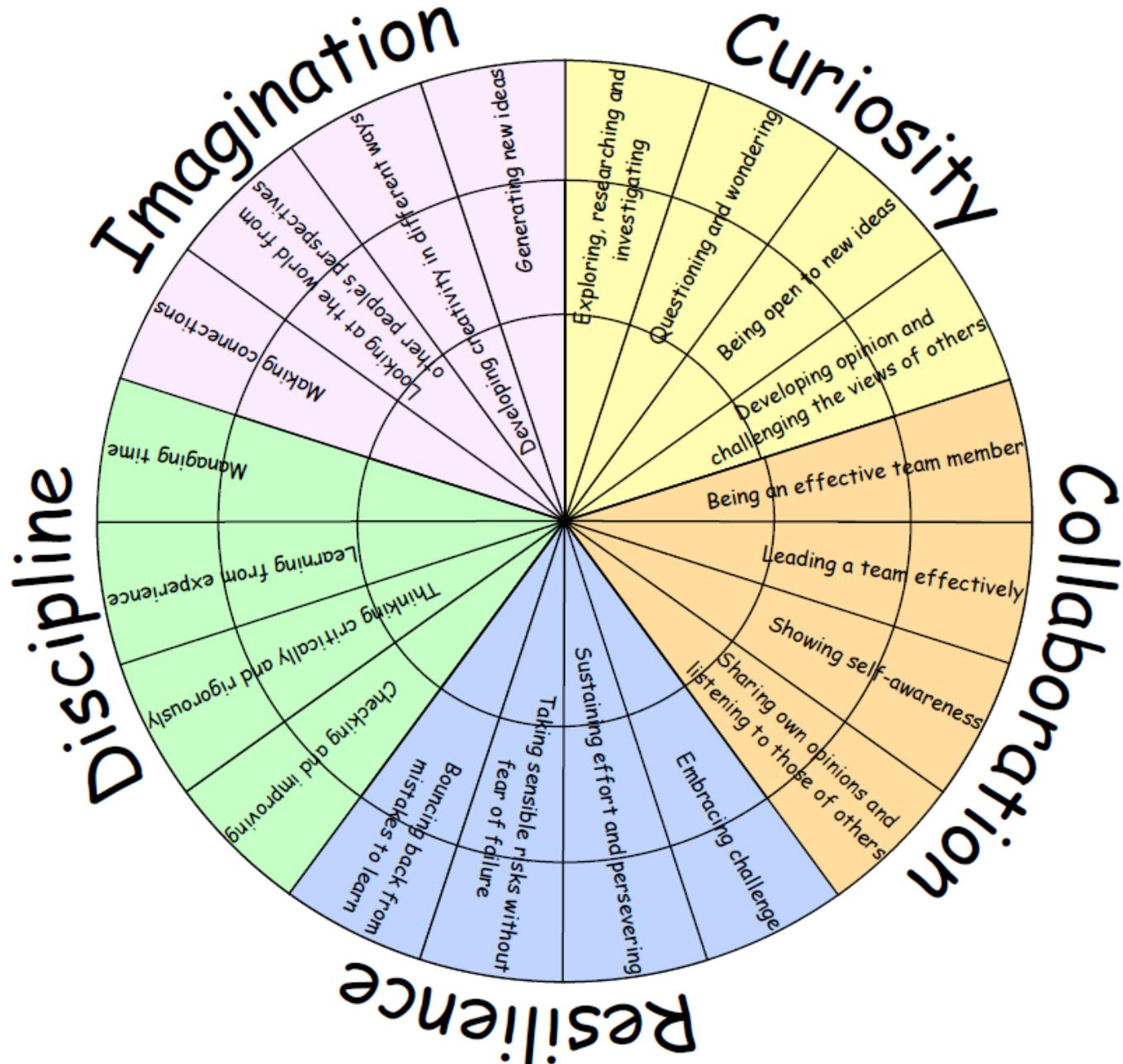
**Some will even** apply this in a variety of ways.

**Some will** know what is  $\frac{1}{4}$  and what isn't a quarter.

**Most will** know the fraction  $\frac{1}{4}$  means quarter, one in every 4.

**All will** colour a quarter of shapes.

# LEARNING HABITS?



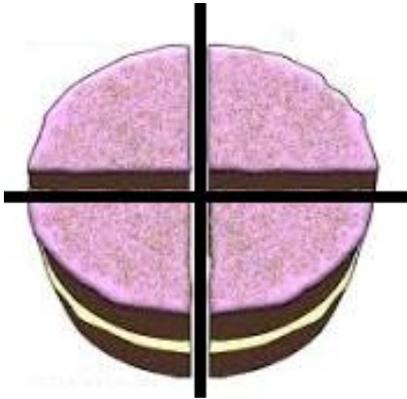
# GUIDED PRACTICE

Some children decide to make a cake and cut it differently. They decide to eat a quarter.



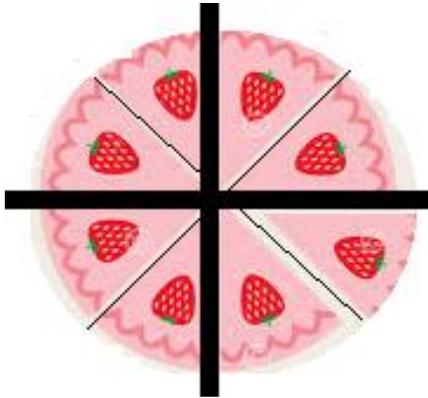
I cut my cake into quarters. I get one large slice.

1 slice in every 4 will be a quarter.



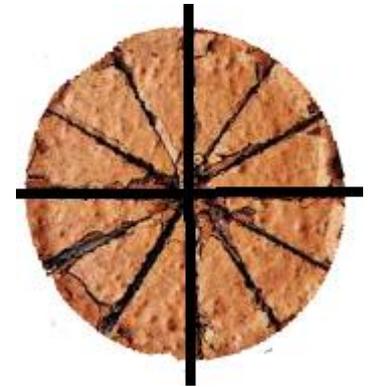
I cut my cake into quarters. I get two medium slices.

1 slice in every 4 will be a quarter.



I cut my cake into quarters. I get three small slices.

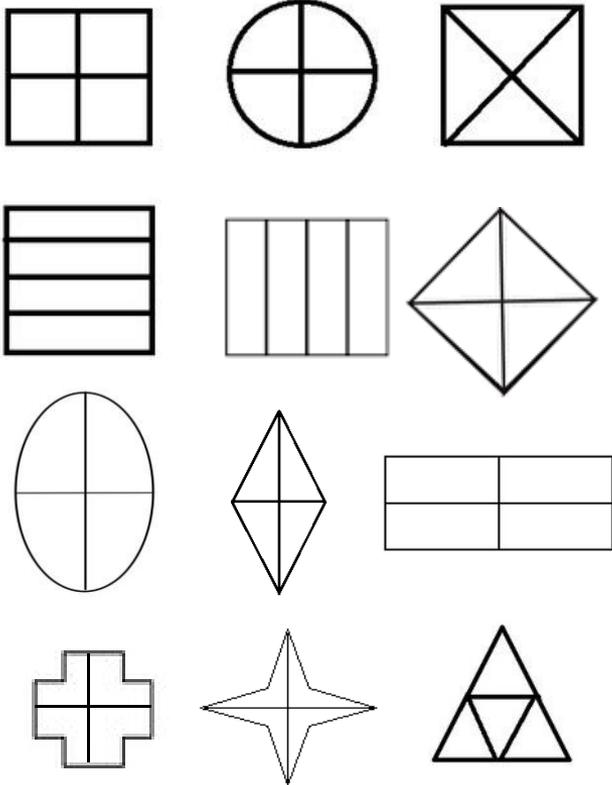
1 slice in every 4 will be a quarter.



# INTELLIGENT PRACTICE

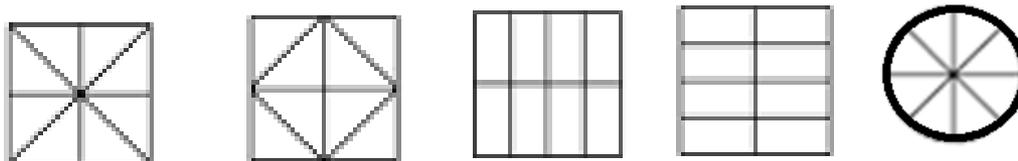


Colour 1/4 (quarter) of each shape.



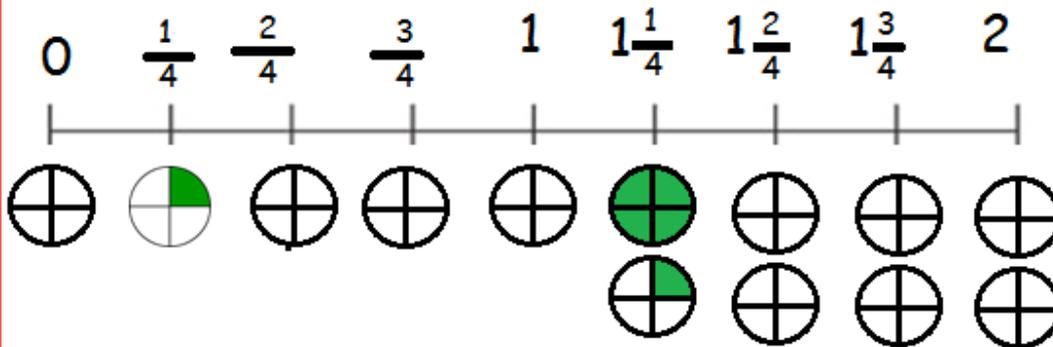
Colour in 1/4 of each shape.

*Remember... 1 in every 4.*



Counting in quarters.

Colour in the circles across the number line.



3 BEFORE ME

Colour 1 in every 4.



True or false?

- $0/4$  is the same as zero.
- $2/4$  is the same as a half.
- $4/4$  is the same as 1 whole.
- 1 and  $2/4$  is the same as 7 quarters.



# DIVE DEEPER 1

1 Which fraction means one quarter?

$\frac{1}{4}$        $\frac{1}{2}$        $\frac{1}{6}$        $\frac{1}{5}$

2 Which donut is cut into quarters?

3 Look at the chocolate bars. Tick the three bars which show a quarter.

4 This chocolate bar has 8 pieces. What is  $\frac{1}{4}$  of 8? Colour in the correct number of pieces.

5 Cake A has been cut into 4 equal parts. A quarter would be \_\_\_\_\_ slice.

Cake B has been cut into 8 equal parts. A quarter would be \_\_\_\_\_ slices.

Cake C has been cut into 12 equal parts. A quarter would be \_\_\_\_\_ slices.

6 Here is some lime jelly. Who is right?

Melissa  I have one quarter as I have taken off one piece of jelly.

Tom  There are 12 cubes of jelly. A quarter of 12 is 3. You need to break off 3 cubes to have  $\frac{1}{4}$ .

7 Which colour shows one quarter? Yellow dots or red dots?

# DIVE DEEPER 2

1 How many different ways can you colour in one quarter? One has been done for you.

2 Look at this shape. Who is right?

Anya  
It has been cut into quarters as there are four parts.

Anna  
The 4 parts are not equal so it can not be quarters.

3 Tick two squares that do not show  $\frac{1}{4}$ .

4 Look at the coloured part of these shapes. Has one quarter been coloured in?

Example  
There are eight squares. One quarter of eight is 2. Three have been coloured in so one quarter is not coloured.

There are          squares. One quarter of          is         .          have been coloured in so one quarter          coloured.

There are          squares. One quarter of          is         .          have been coloured in so one quarter          coloured.

Can you design your own grids with 8, 12, 16, 20, or 24 cubes.

Colour in  $\frac{1}{4}$  in different ways.