

Monday- Recap

What are the following fractions?

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

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

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

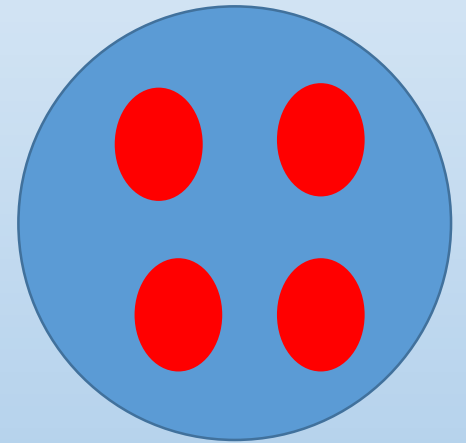
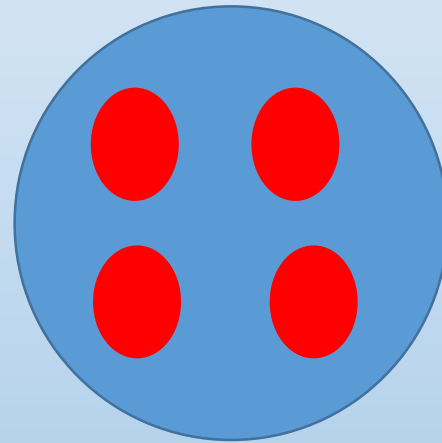
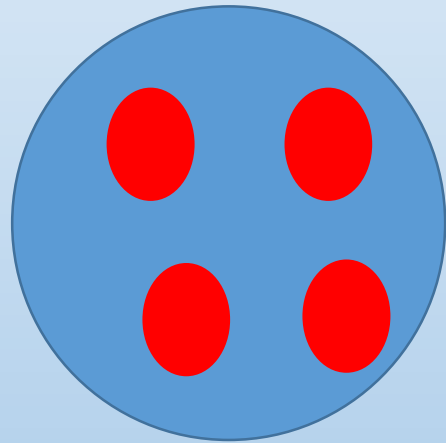
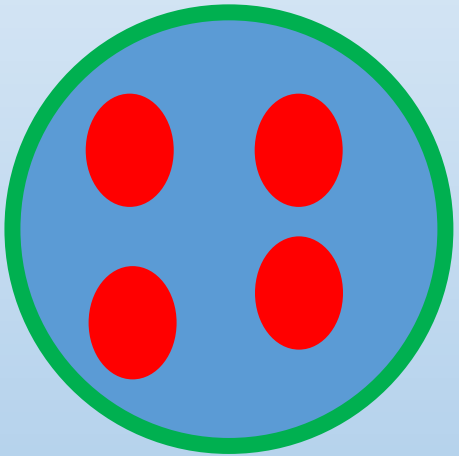
$$\frac{1}{2}$$

$$\frac{2}{3}$$

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

How would you work out a $\frac{1}{4}$ of the number?

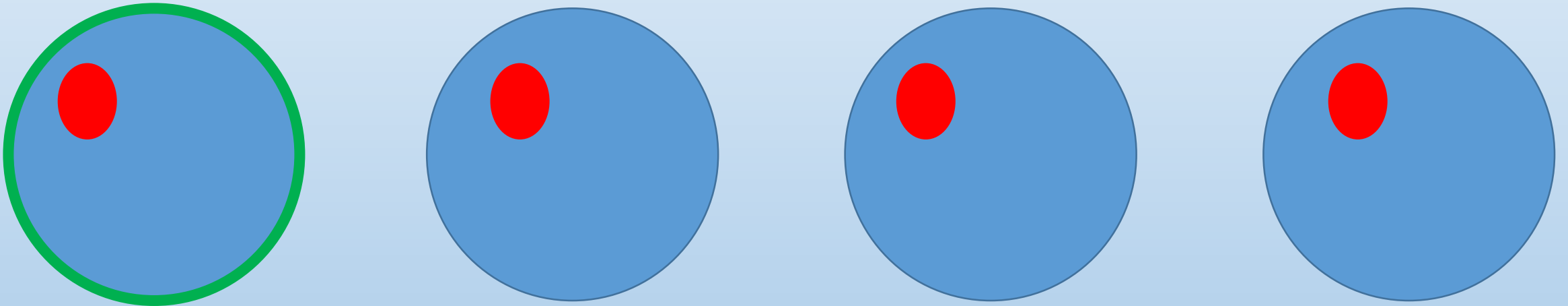
16



$$\frac{1}{4} \text{ of } 16 = 4$$

How would you work out a $\frac{1}{4}$ of the number?

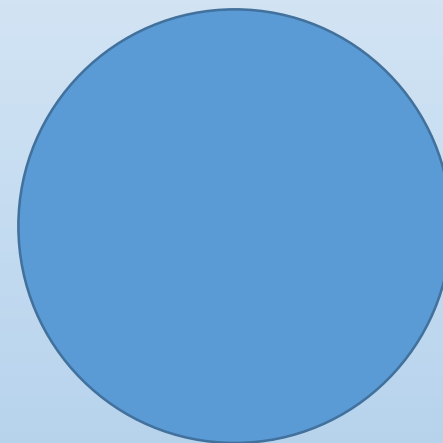
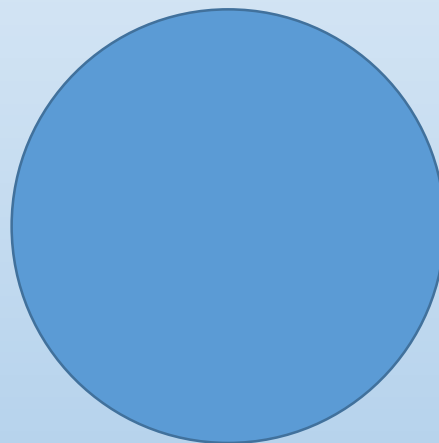
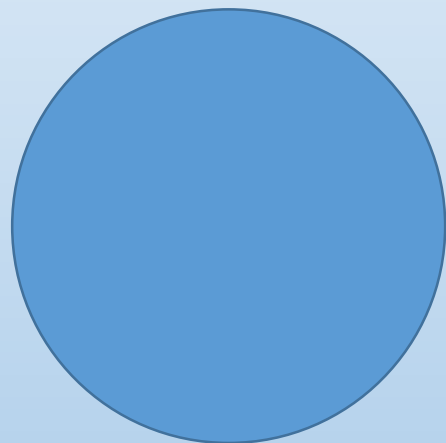
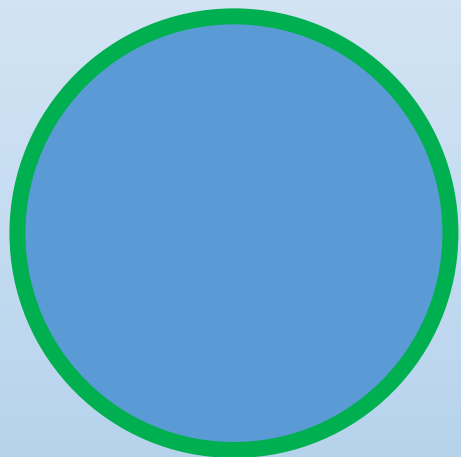
4



$$\frac{1}{4} \text{ of } 4 = 1$$

Your turn

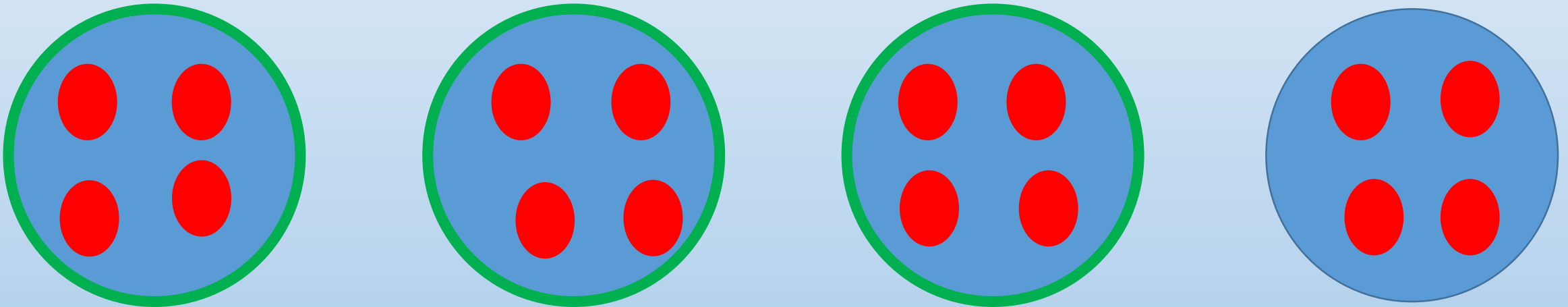
What is $\frac{1}{4}$ of 8?



How would you work out a $\frac{3}{4}$ of the number?

The top number (numerator) is now 3

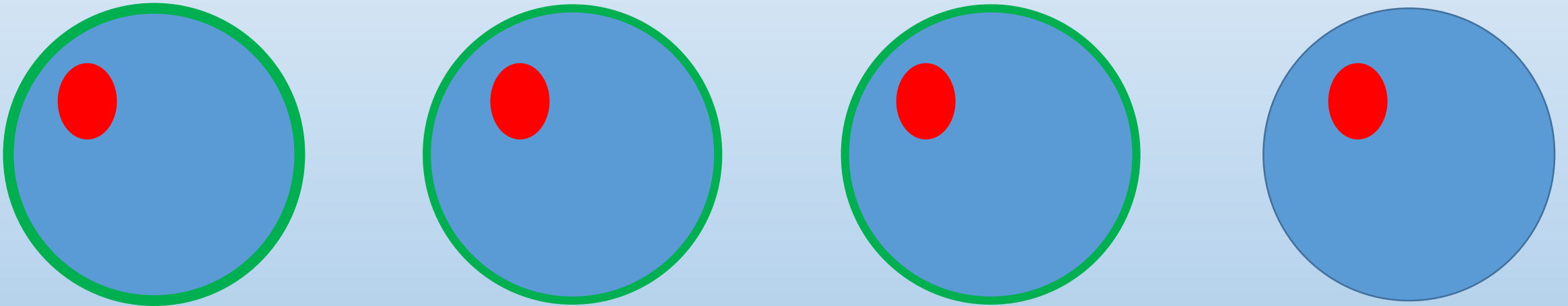
16



$$\frac{3}{4} \text{ of } 16 = 12$$

How would you work out a $\frac{3}{4}$ of the number?

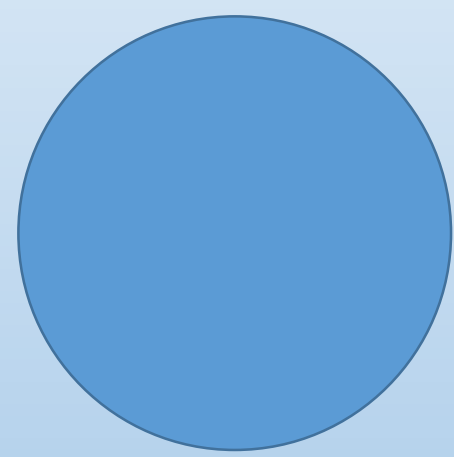
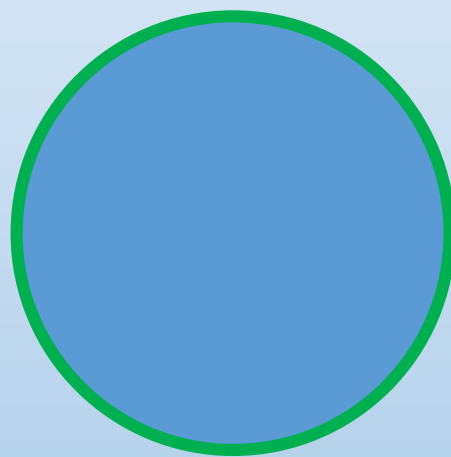
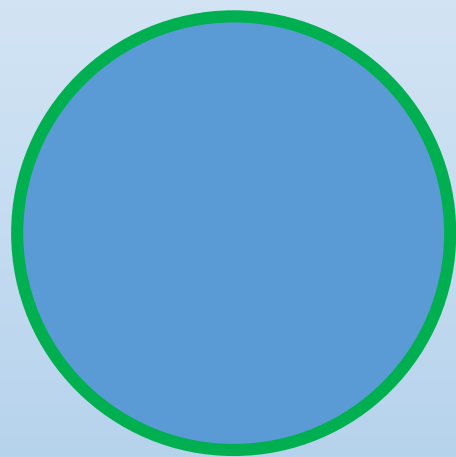
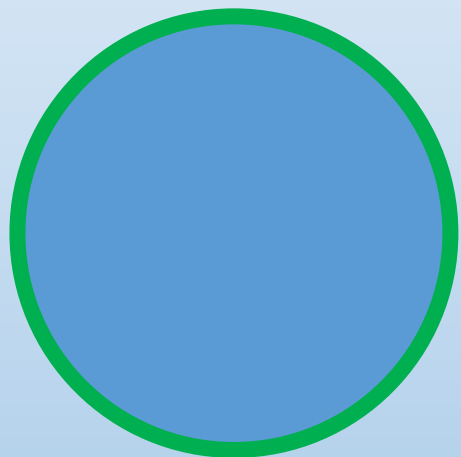
4



$$\frac{3}{4} \text{ of } 4 = 3$$

Your turn

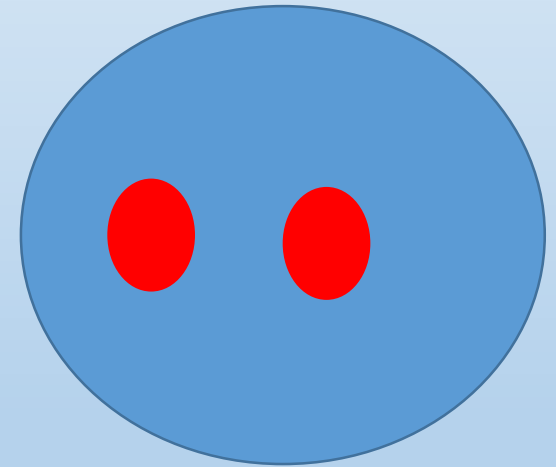
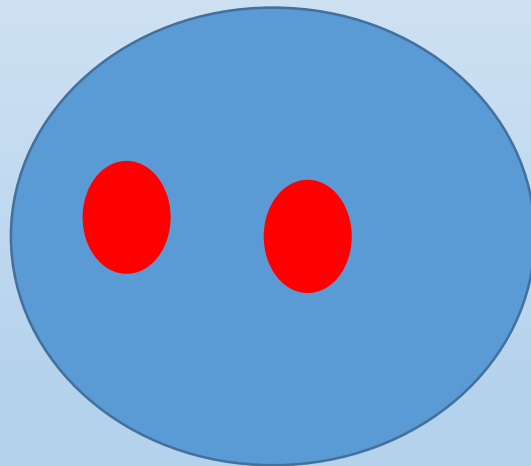
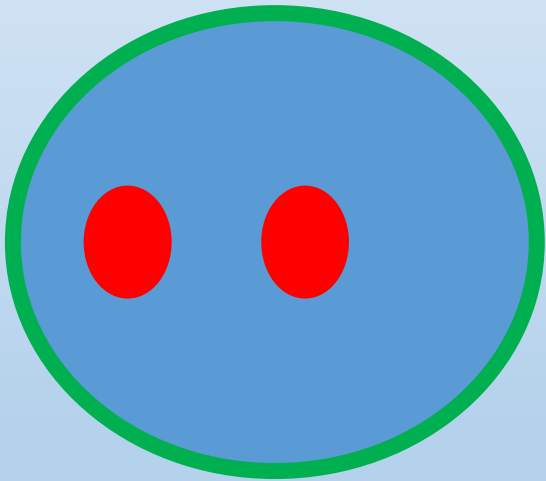
What is $\frac{3}{4}$ of 20?



Find a $\frac{1}{3}$ of the following number

6

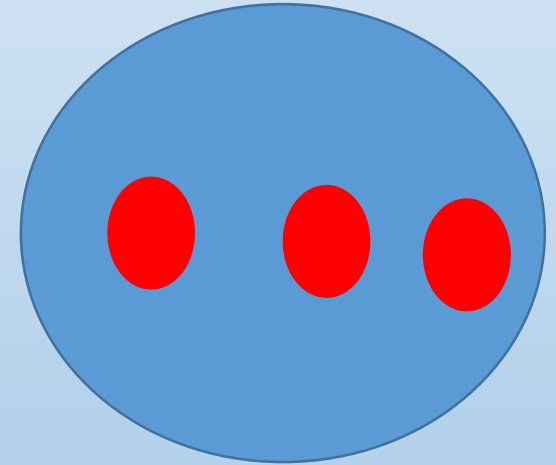
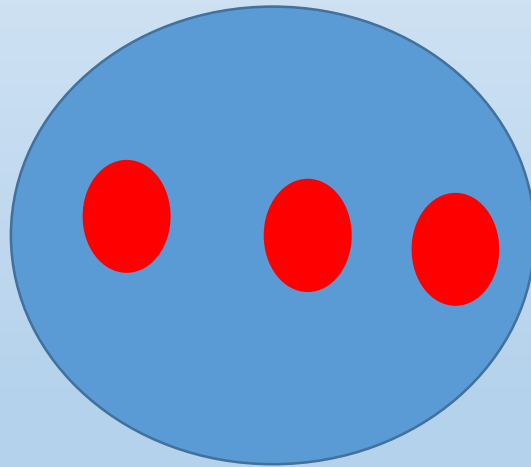
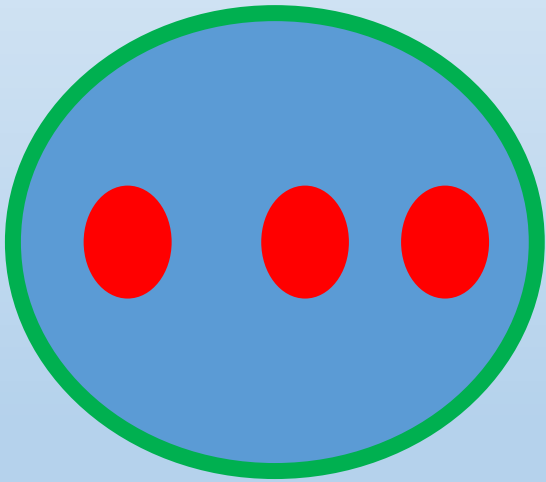
This time you need three sharing circles as the denominator is a 3.



$$\frac{1}{3} \text{ of } 6 = 2$$

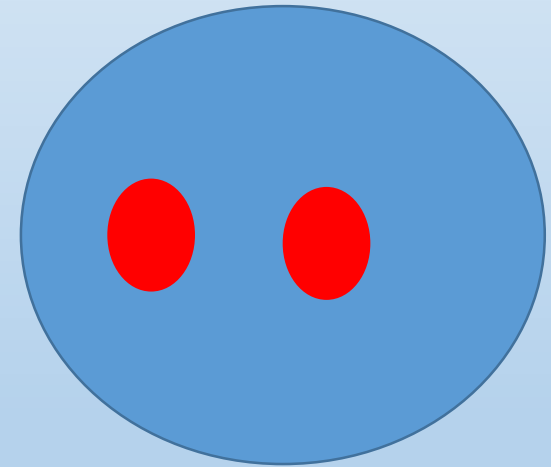
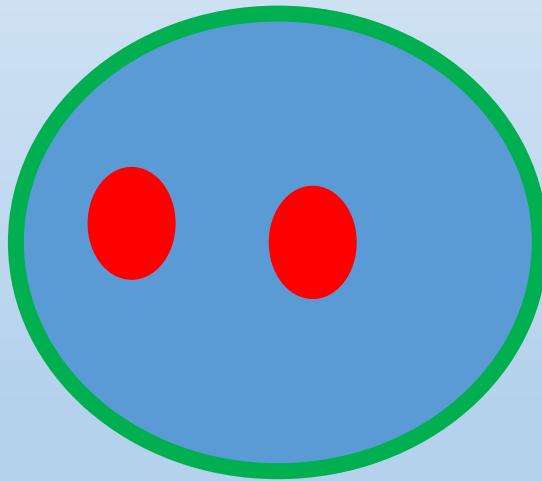
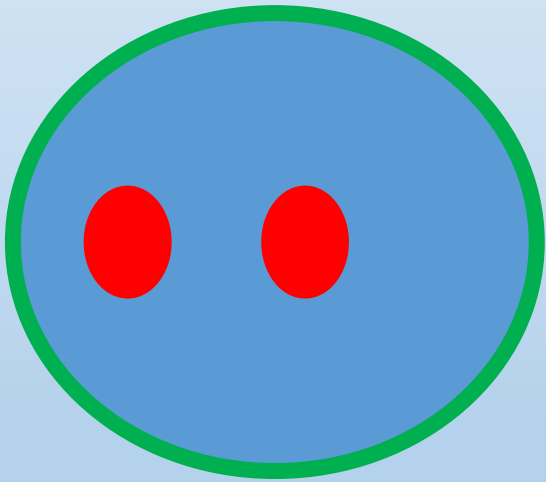
Find a $\frac{1}{3}$ of the following number
This time you need three sharing circles as the
denominator is a 3.

9



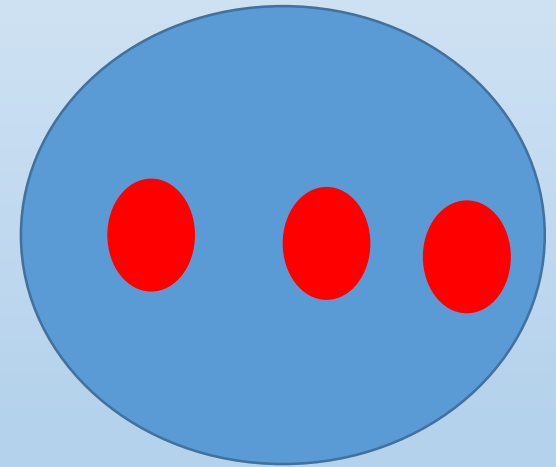
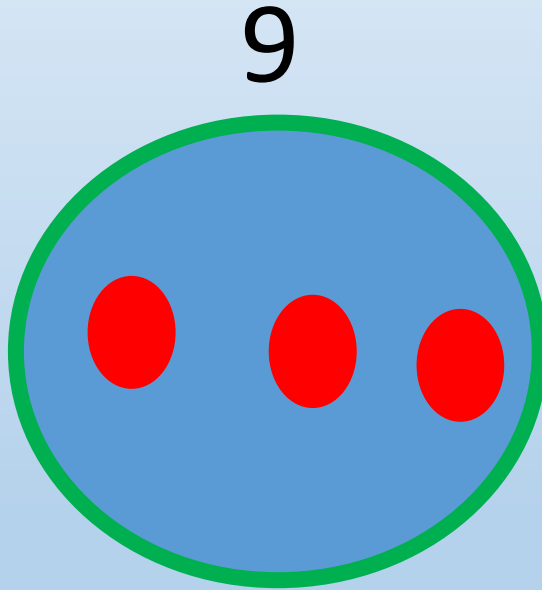
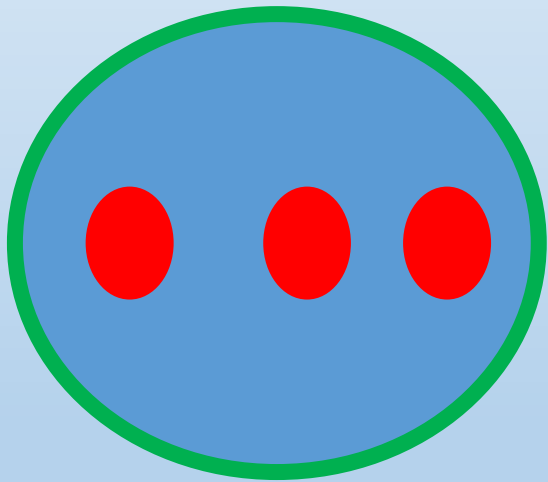
$$\frac{1}{3} \text{ of } 9 = 3$$

What happens if you want to find $\frac{2}{3}$ of a 6?
The numerator is 2. So you need to count two of
the sharing circles.



Find a $\frac{2}{3}$ of the following number

This time you need three sharing circles as the denominator is a 3. You count 2 sharing circles as the top number is 2.



$$\frac{2}{3} \text{ of } 9 = 6$$

Task:

Using counters and sorting circles. Can you work out the fractions of the following amounts.

Task A

- A) $\frac{1}{4}$ of 8
- B) $\frac{1}{4}$ of 16
- C) $\frac{1}{4}$ of 24
- D) $\frac{1}{4}$ of 12

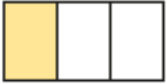
- E) $\frac{1}{3}$ of 9
- F) $\frac{1}{3}$ of 18


Task B


- A) $\frac{3}{4}$ of 16
- B) $\frac{3}{4}$ of 12
- C) $\frac{3}{4}$ of 40
- D) $\frac{1}{4}$ of 8
- E) $\frac{2}{3}$ of 6
- F) $\frac{1}{3}$ of 18
- G) $\frac{2}{3}$ of 30

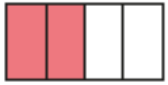
Challenge


What fraction of each shape is shaded?

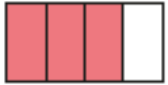
a) 


b) 











Tuesday Recap

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

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

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



What are the fractions?

Bottom number?

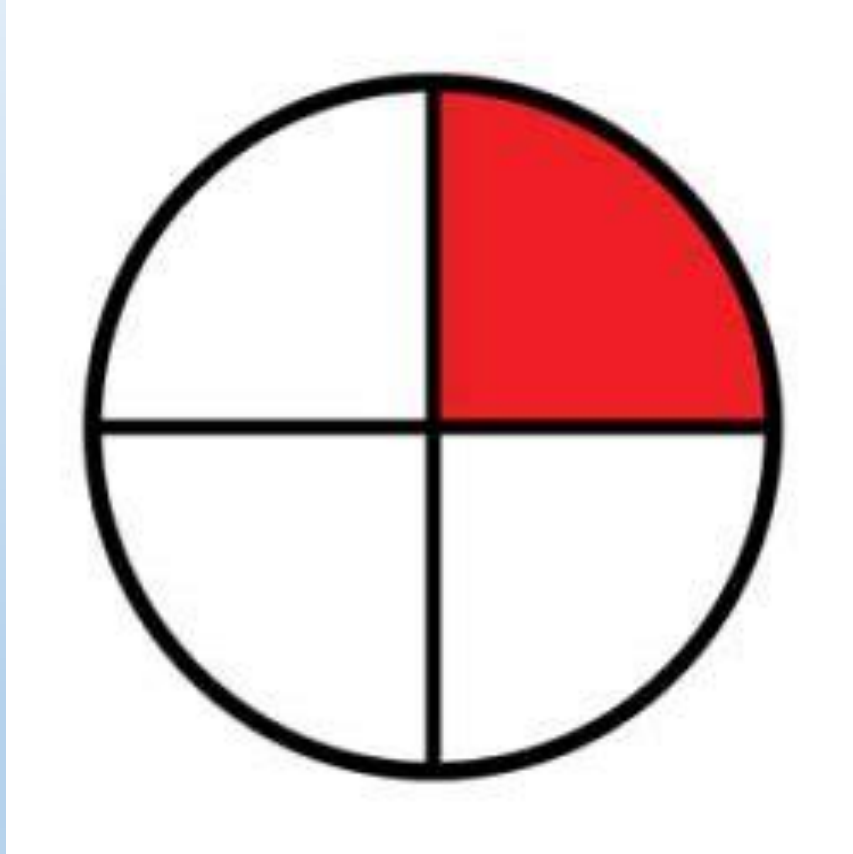
Top number?

What do they tell us?

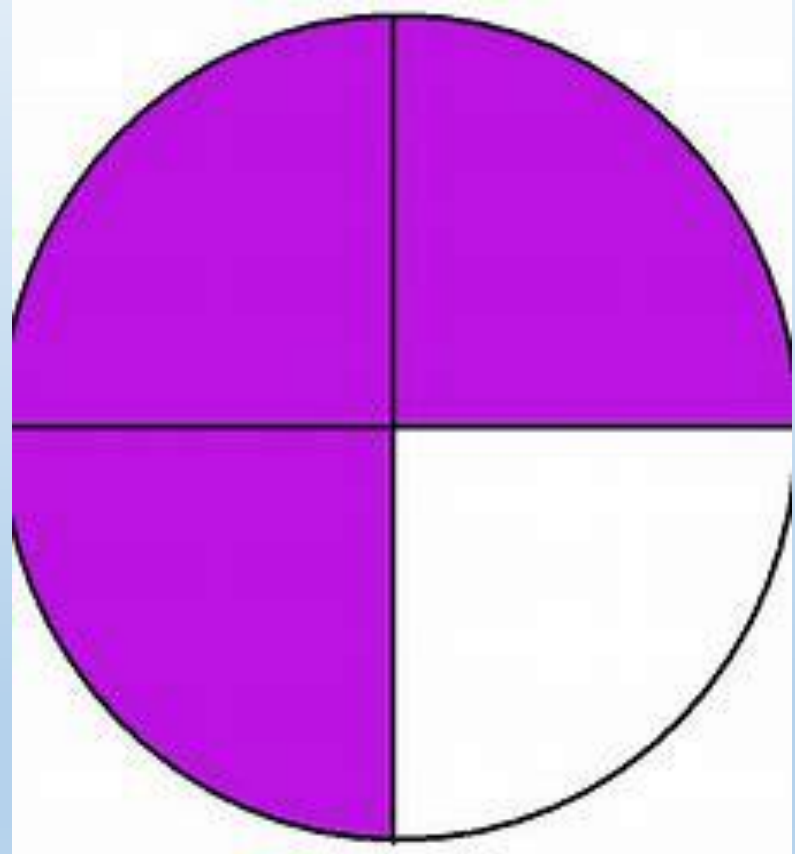
Does there always have to be '1' as the numerator?



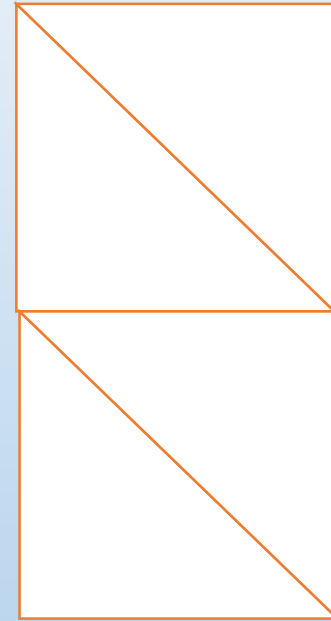
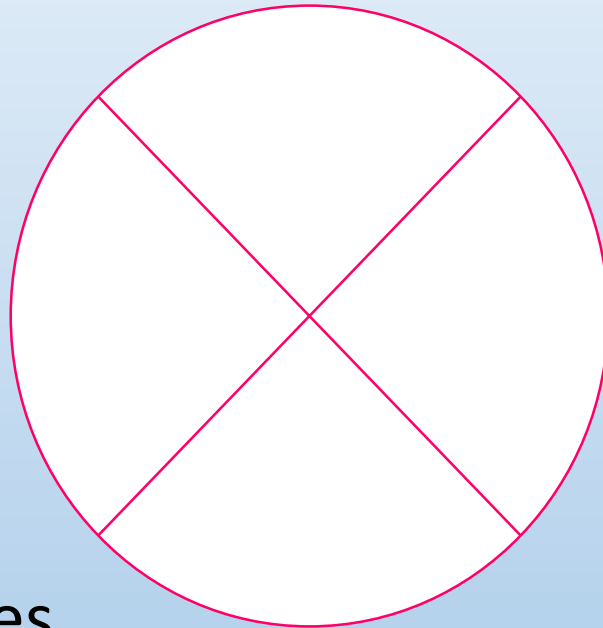
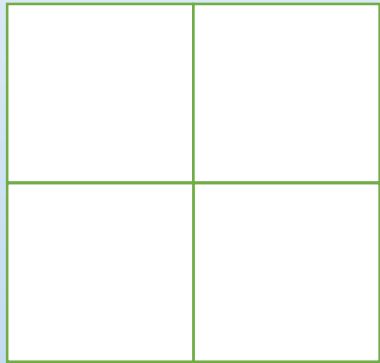
$$\frac{1}{4}$$



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



Shade $\frac{3}{4}$ of the shape 



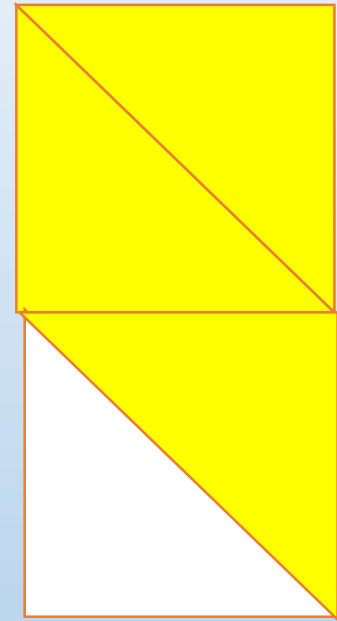
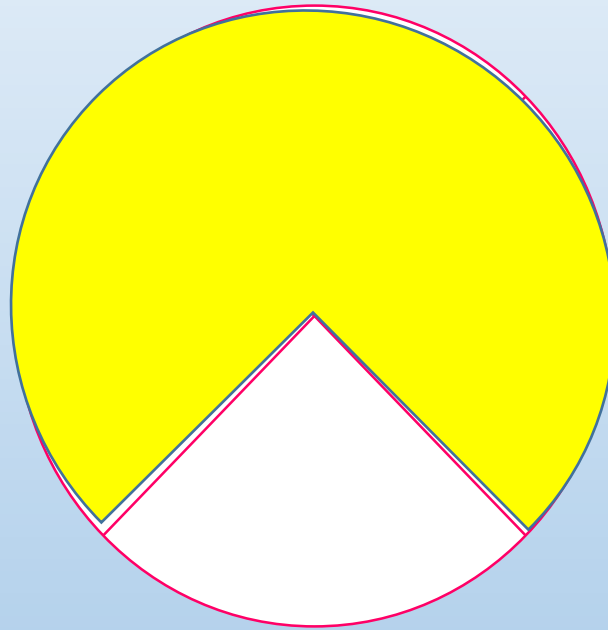
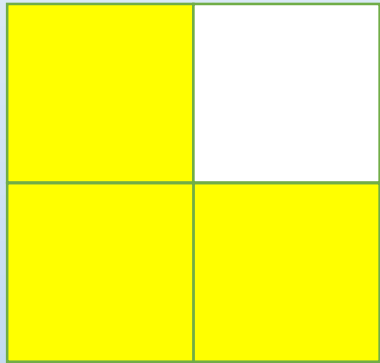
There are 4 parts for each shapes.

How many do we need to shade for $\frac{3}{4}$?

What about $\frac{1}{4}$?

Can anyone remember another way to say $\frac{2}{4}$?

Shade $\frac{3}{4}$ of the shape



Task

Complete the first highlighted part of your sheet.



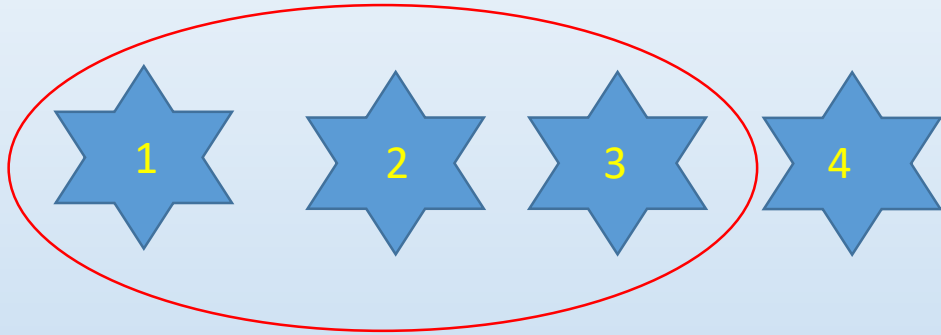
Colour in $\frac{3}{4}$

Circle $\frac{3}{4}$ of the objects

Find $\frac{3}{4}$ of the numbers

4
8
16

Circle $\frac{3}{4}$ of the objects



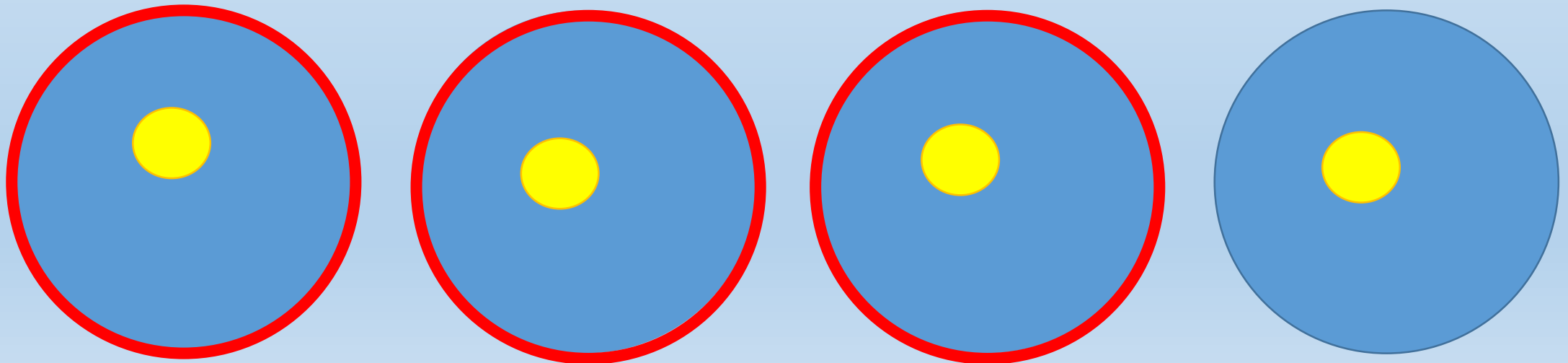
To find $\frac{3}{4}$ of the shape follow the steps.

Step 1- How many objects are there?

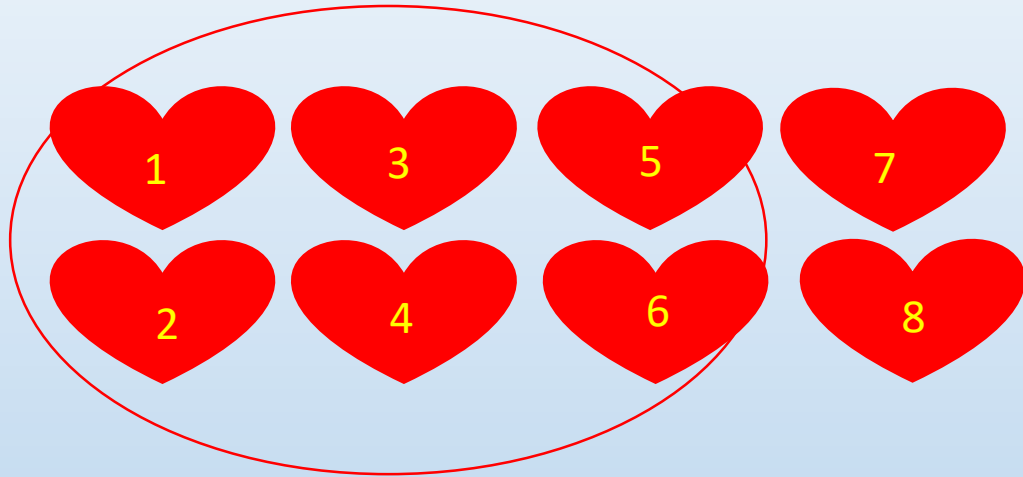
Step 2- Split the number into 4 equal groups (because the denominator is 4)

Step 3- Count how many there are in **3 groups**. This is because the numerator is a 3

Step 4- Circle the number of objects



Circle $\frac{3}{4}$ of the objects



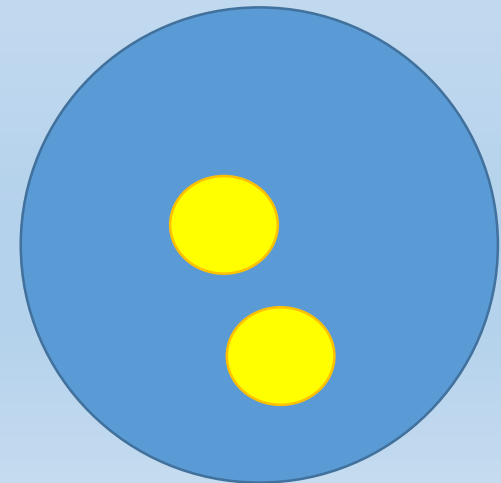
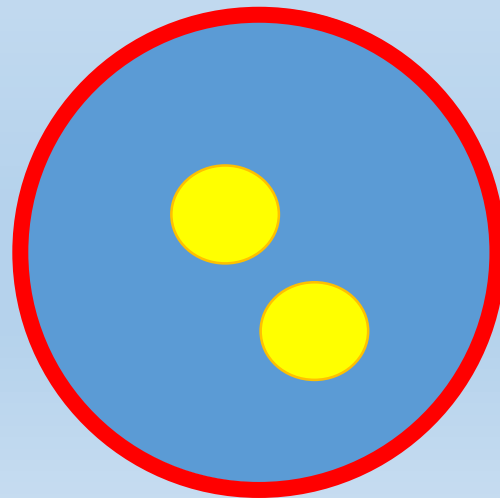
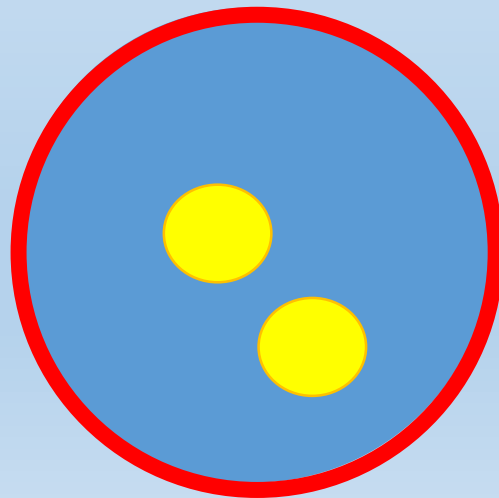
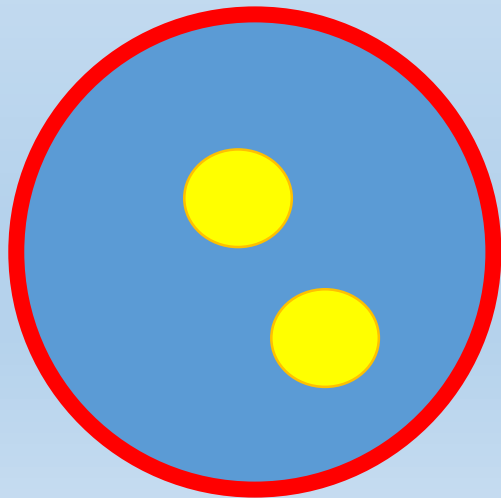
To find $\frac{3}{4}$ of the shape follow the steps.

Step 1- How many objects are there?

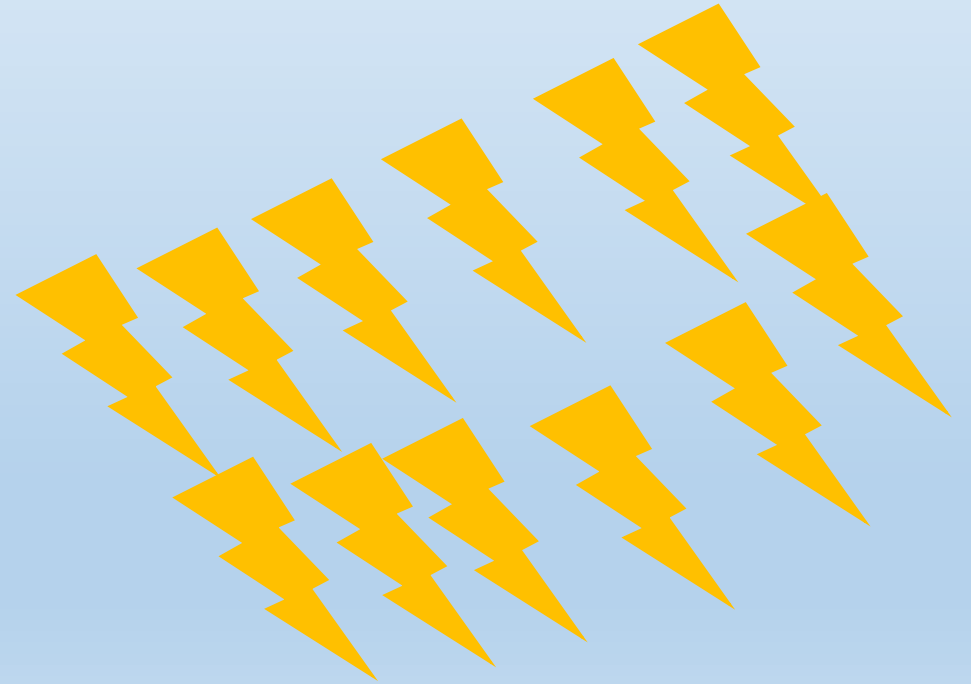
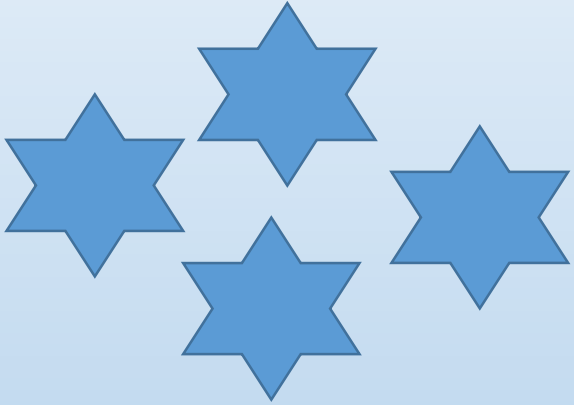
Step 2- Split the number into 4 equal groups (because the denominator is 4)

Step 3- Count how many there are in **3 groups**. This is because the numerator is a 3

Step 4- Circle the number of objects

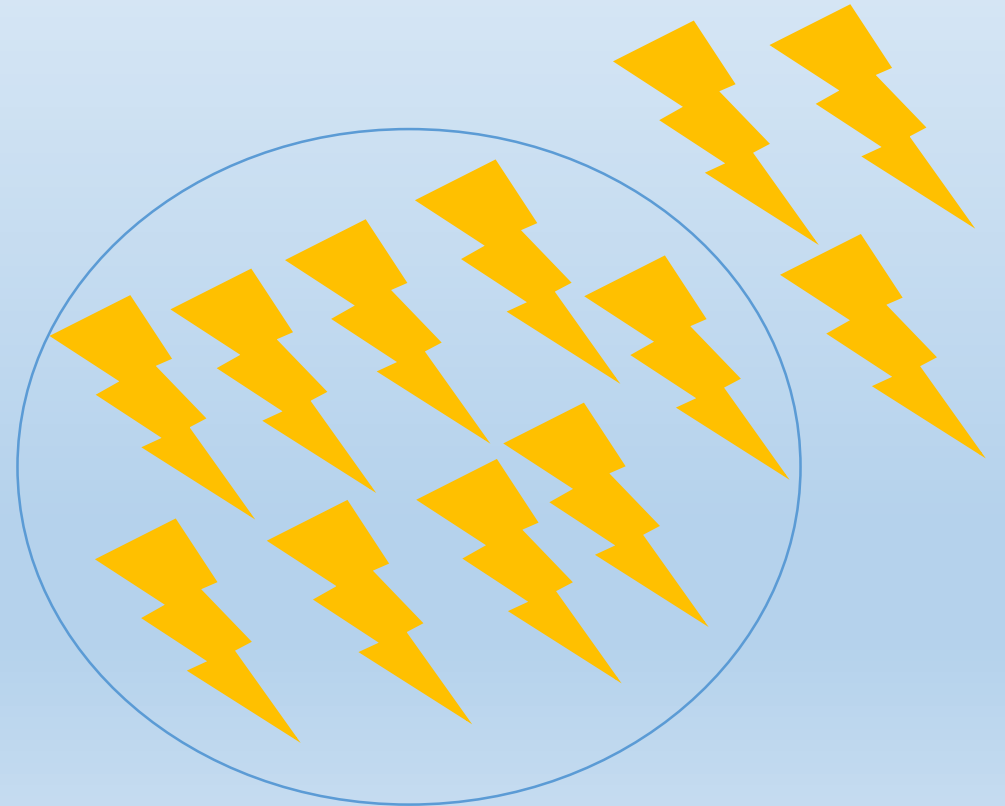
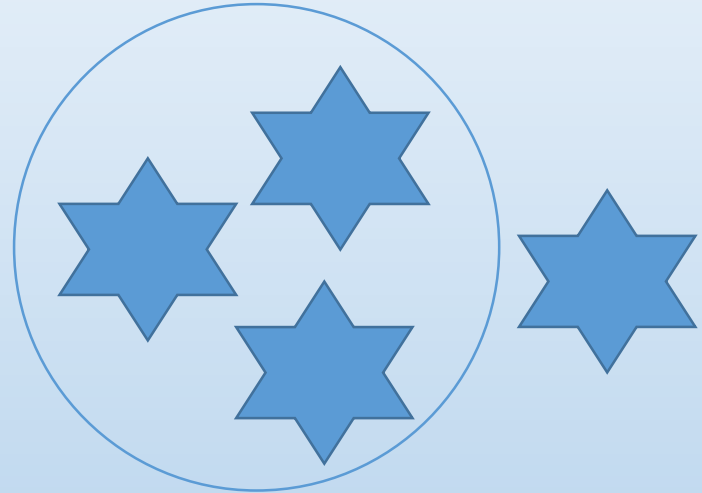


Circle $\frac{3}{4}$ of the objects



Now try these questions

🔊 Circle $\frac{3}{4}$ of the objects

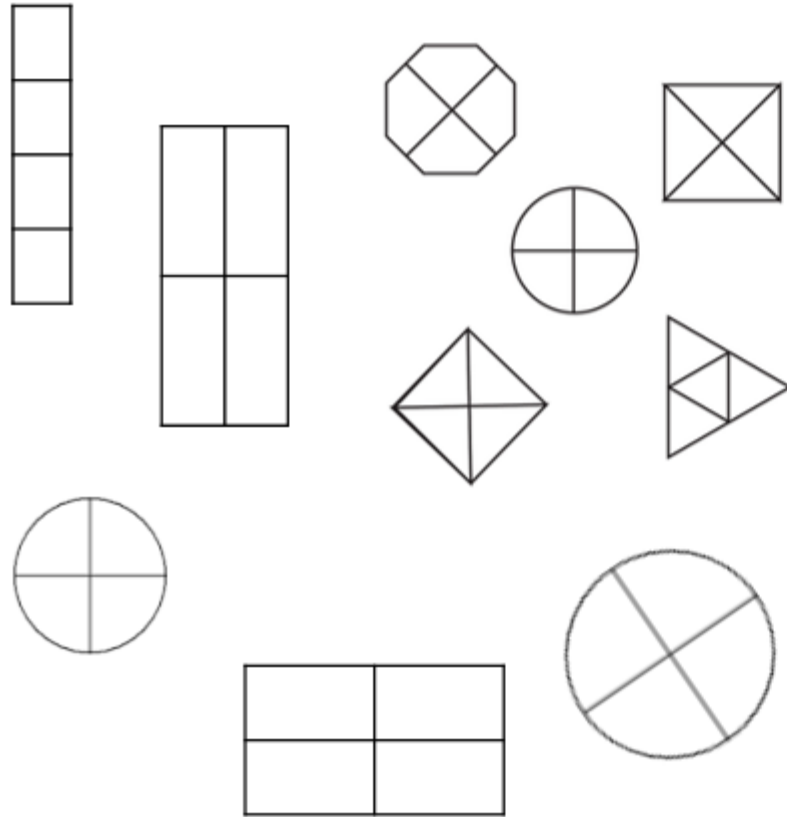


Task

Complete the highlighted part of your sheet.



Colour in $\frac{3}{4}$



Circle $\frac{3}{4}$ of the objects



Find $\frac{3}{4}$ of the numbers

4
8
16

$\frac{3}{4}$ of a number

8



$$\frac{3}{4} \text{ of } 8 = 6$$



$\frac{3}{4}$ of a number 

20

$$\frac{3}{4} \text{ of } 20 = 15$$



 $\frac{3}{4}$ of a number

16

$$\frac{3}{4} \text{ of } 16 = 12$$

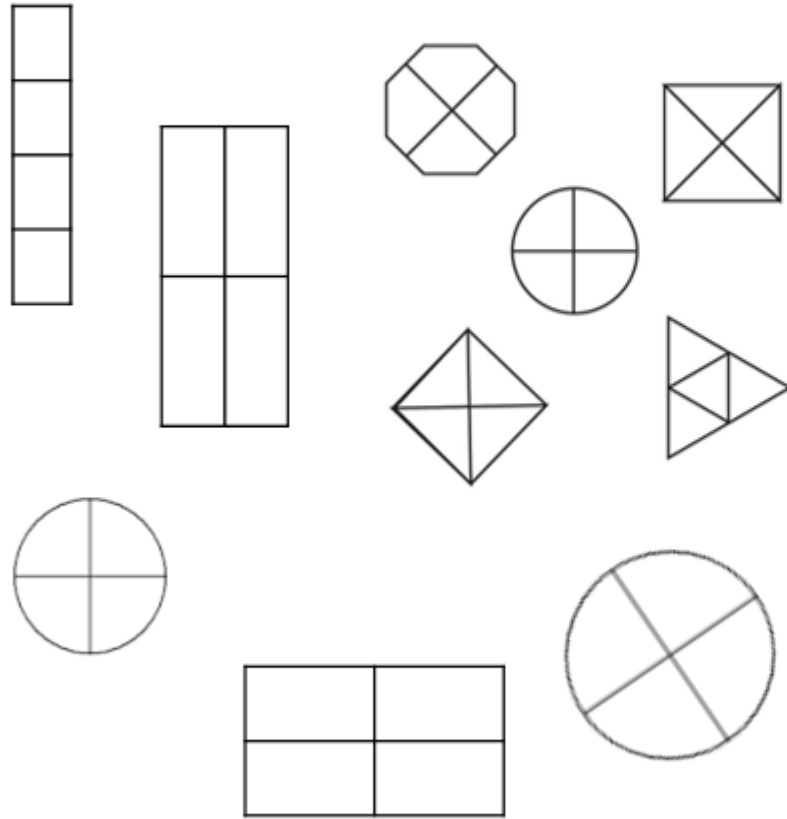




Task

Complete the highlighted part of your sheet.

Colour in $\frac{3}{4}$



Circle $\frac{3}{4}$ of the objects

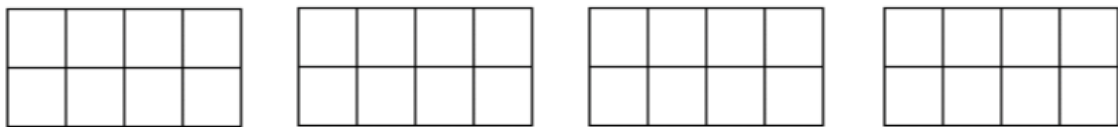


Find $\frac{3}{4}$ of the numbers

4
8
16

Challenges

Challenge: Colour $\frac{3}{4}$ of the shape in different ways



There are 24 hours in one day.

A panda slept for $\frac{3}{4}$ of a day.



How many hours was the panda asleep for?

How many hours was the panda awake for?

Wednesday Recap



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

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

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

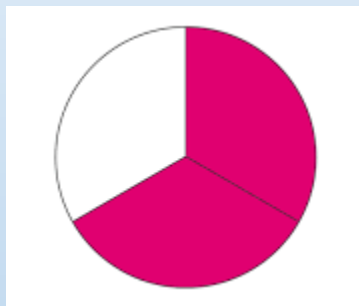
What are the fractions?

What is the top number called?

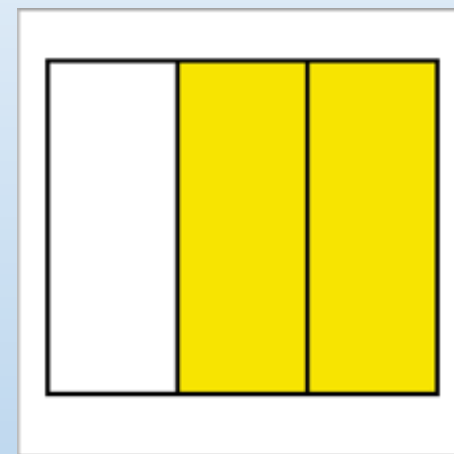
What is the bottom number called?

What do they show?

Wednesday Session 3




$$\frac{2}{3}$$



What do you think this fraction is?


$\frac{2}{3}$ of a number



9

$$\frac{2}{3} \text{ of } 9 = 6$$



$\frac{2}{3}$ of a number 

12

$\frac{2}{3}$ of 12 = 9



$\frac{2}{3}$ of a number 

18

$\frac{2}{3}$ of 18 = 12



Complete the highlighted section of the sheet



Challenge

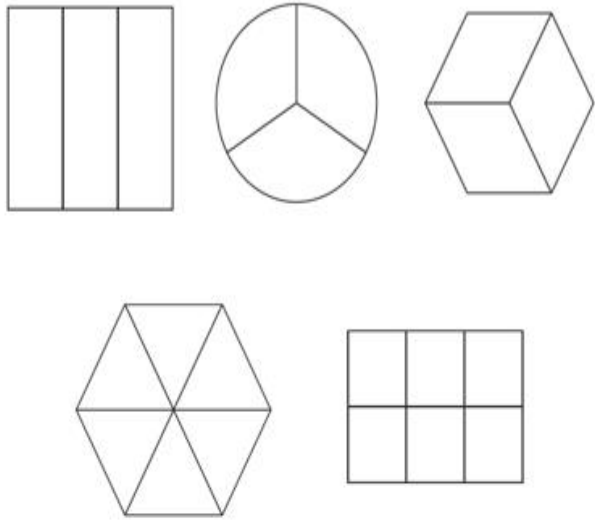
Could you find $\frac{2}{3}$ of:

30

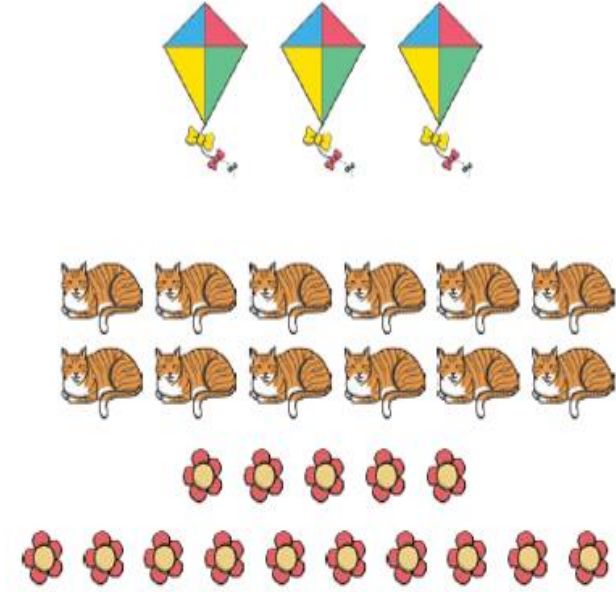
60

90

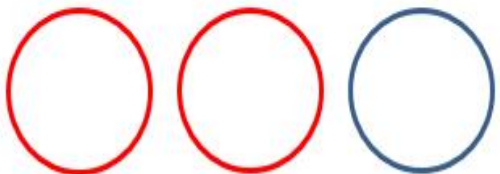
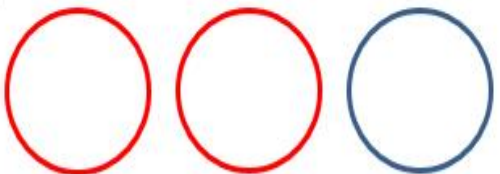
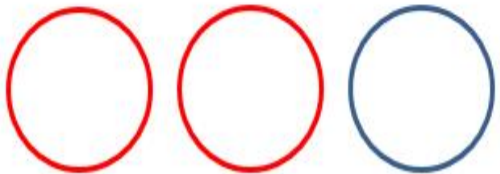
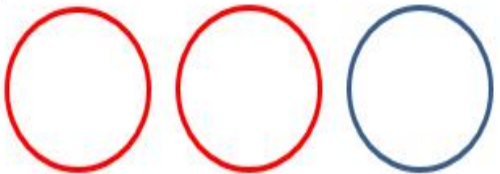
Colour in $\frac{2}{3}$



Circle $\frac{2}{3}$ of the objects



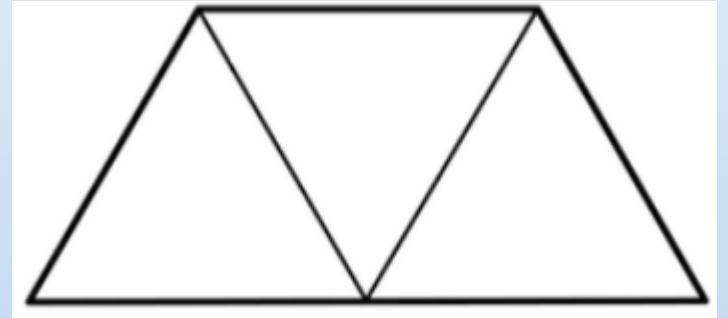
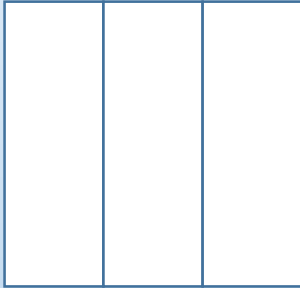
Find $\frac{2}{3}$ of the numbers

9		18	
12		24	

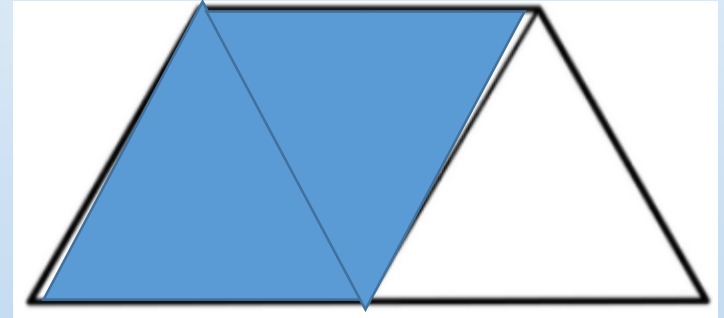
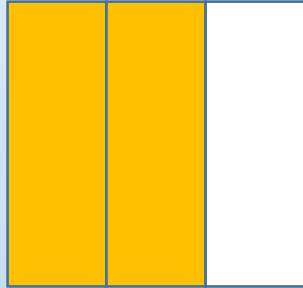


Shade $\frac{2}{3}$ of the shapes

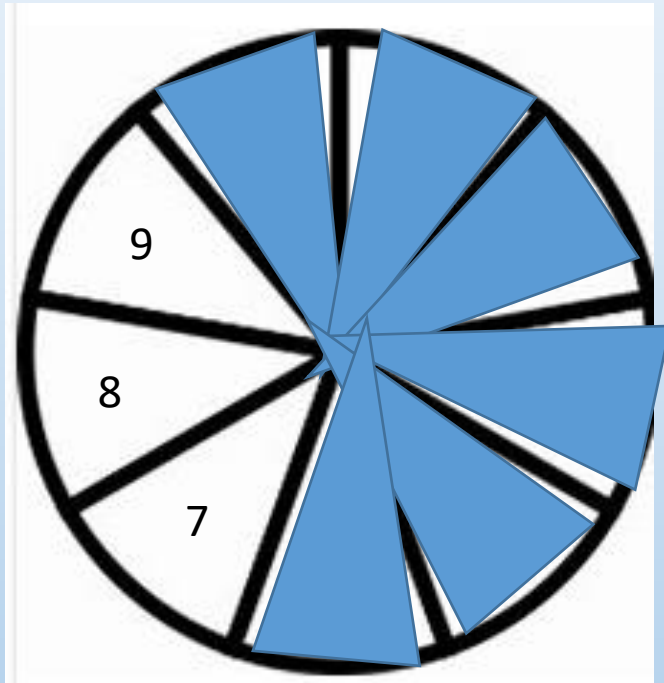
Think about the numerator



Shade $\frac{2}{3}$ of the shapes
Think about the numerator

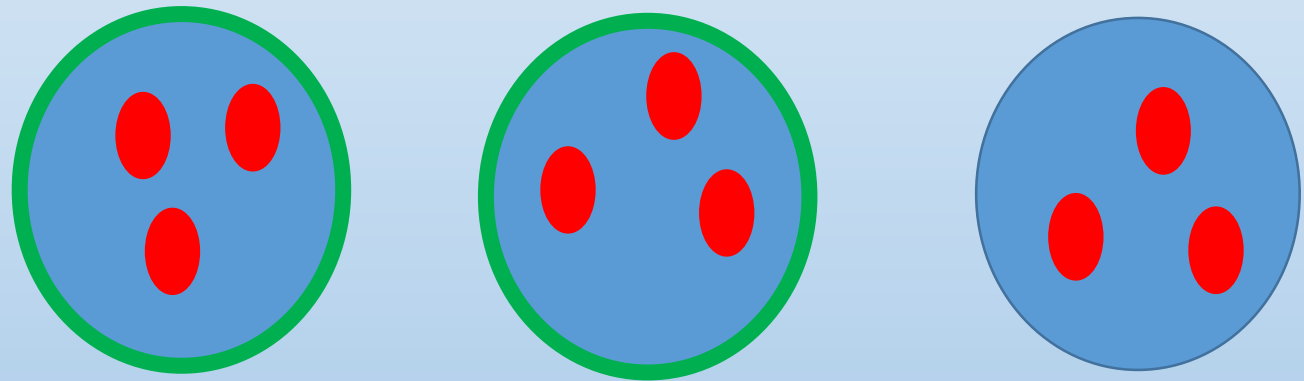


Shade $\frac{2}{3}$ of the following shape 



Step 1- Count how many parts there are

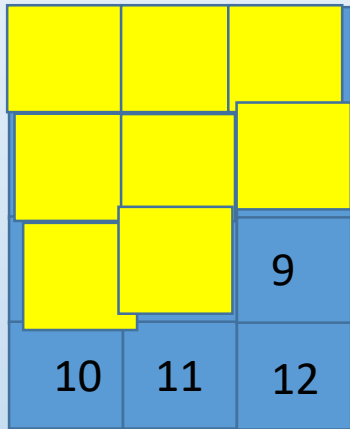
Step 2- Find $\frac{2}{3}$ of the number of parts



$$\frac{2}{3} \text{ of } 9 = 6$$

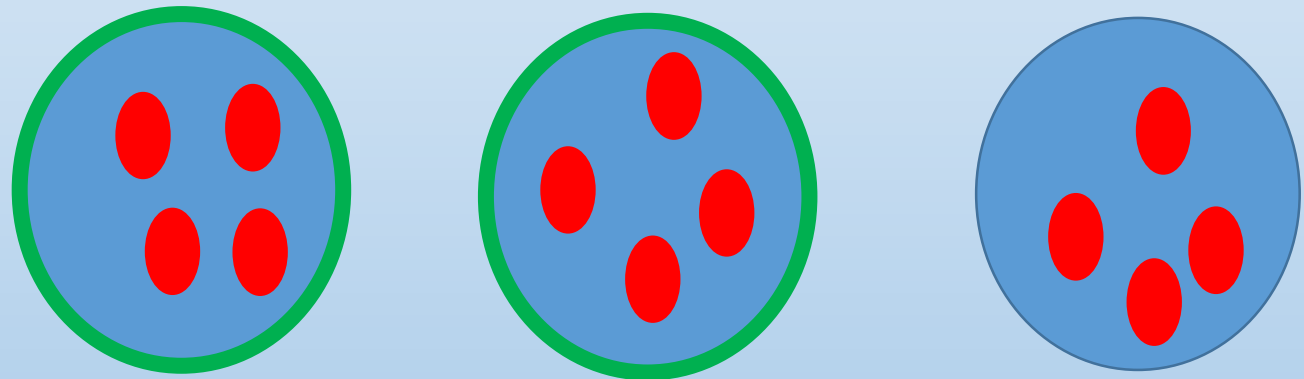
Step 3- Shade 6 parts of the shape

Shade $\frac{2}{3}$ of the following shape 



Step 1- Count how many parts there are

Step 2- Find $\frac{2}{3}$ of the number of parts



$$\frac{2}{3} \text{ of } 12 = 8$$

Step 3- Shade 8 parts of the shape

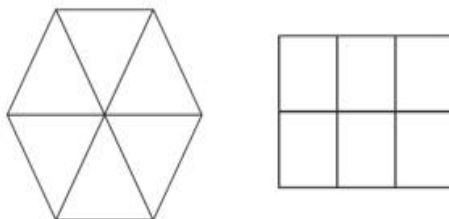
Complete the highlighted section of the sheet



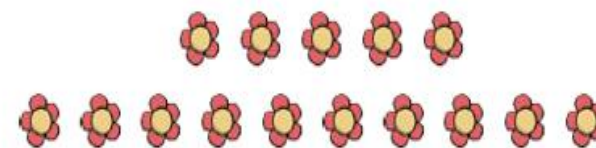
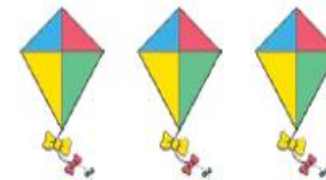
Challenge

One third of my secret number is 5. What is my number?

Colour in $\frac{2}{3}$

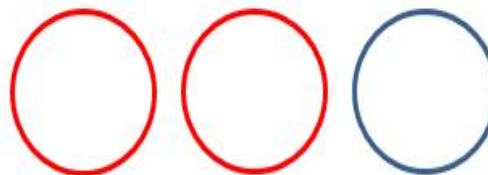


Circle $\frac{2}{3}$ of the objects

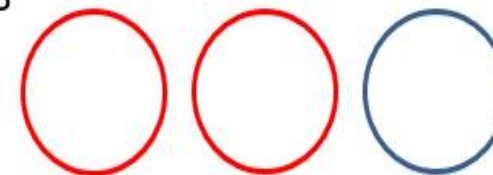


Find $\frac{2}{3}$ of the numbers

9



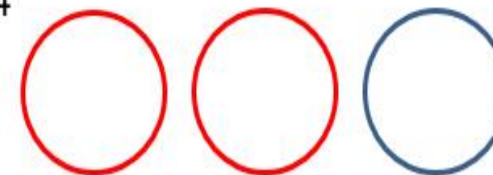
18

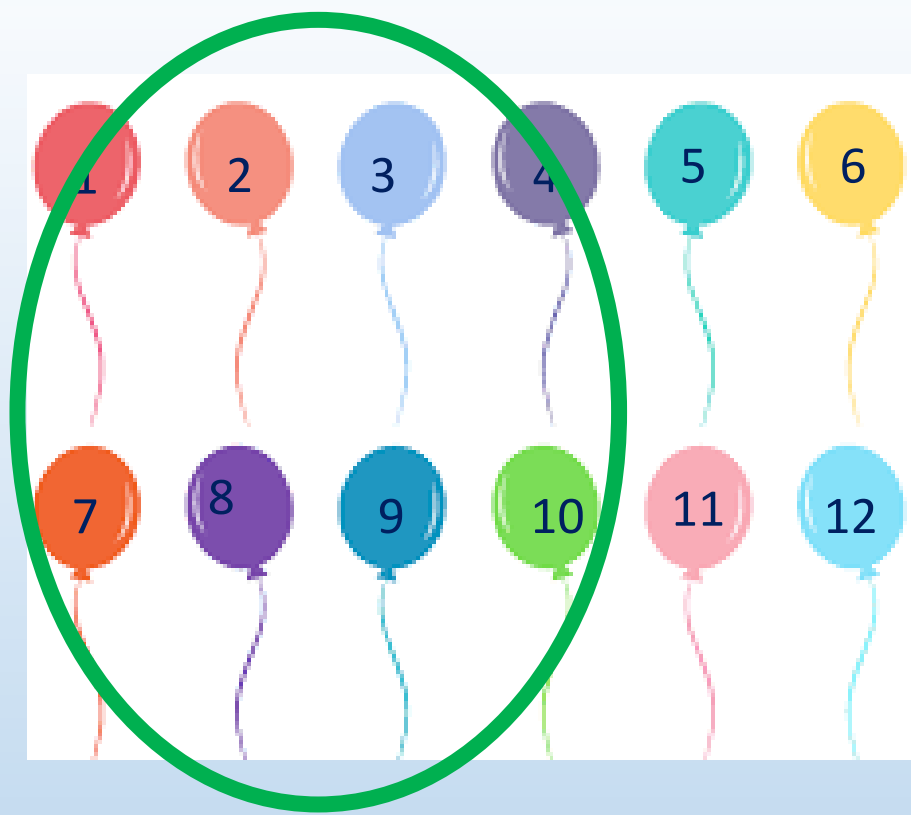


12



24





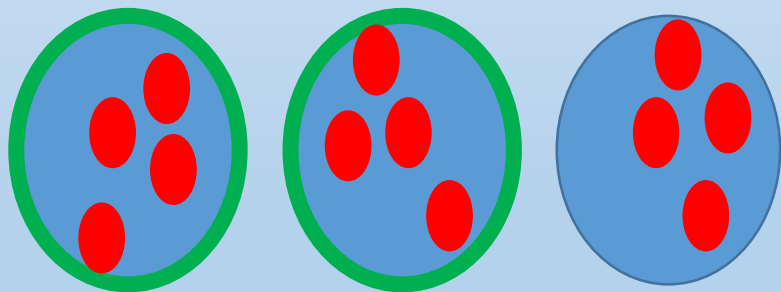
Circle $\frac{2}{3}$ of the balloons.

Step 1- How many balloons are there?



Step 2- Find a two thirds of this number

Step 3- Circle $\frac{2}{3}$ of the balloons



$$\frac{2}{3} \text{ of } 12 = 8$$

Complete the highlighted section of the sheet

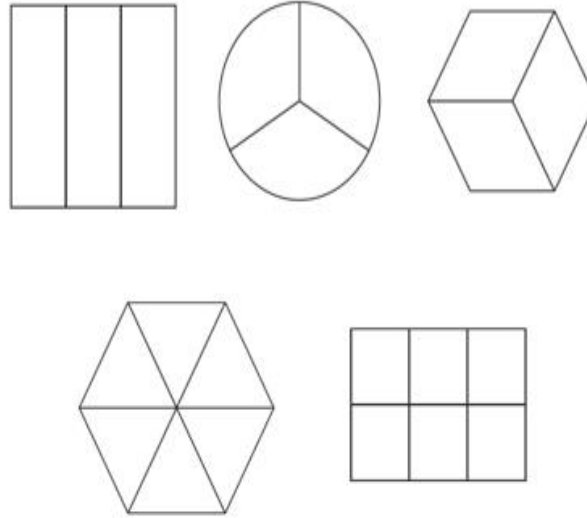


Challenge

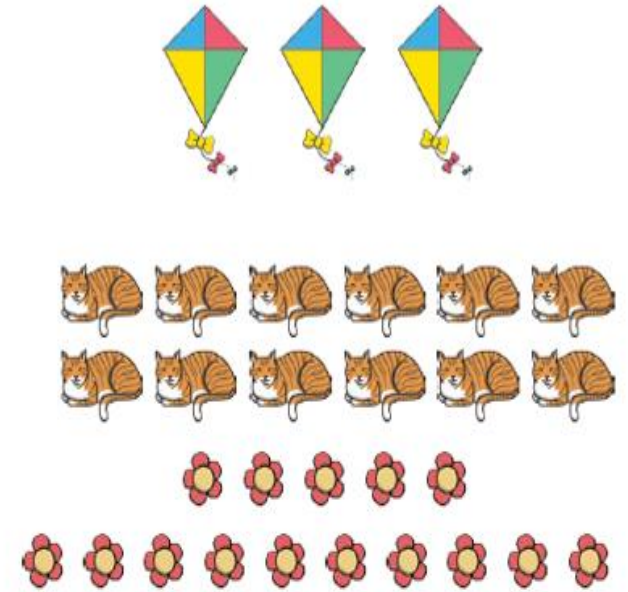
Eva says, " $\frac{1}{2}$ of 20 is more than a $\frac{3}{4}$ of 16." Is she right?



Colour in $\frac{2}{3}$

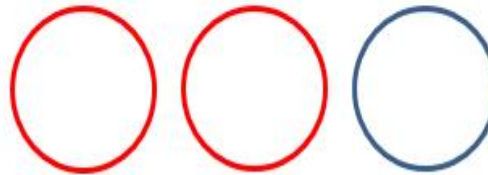


Circle $\frac{2}{3}$ of the objects

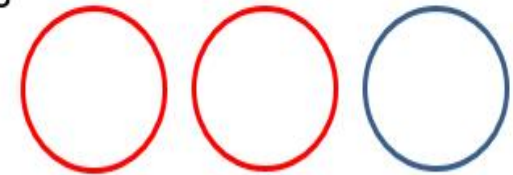


Find $\frac{2}{3}$ of the numbers

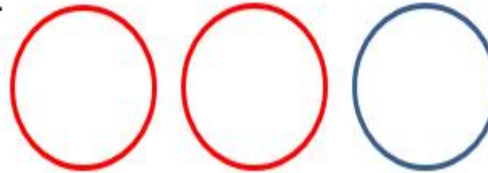
9



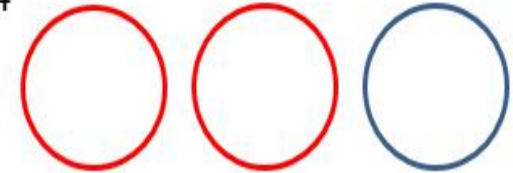
18



12



24



Thursday – Session 4

$\frac{3}{4}$ of a number

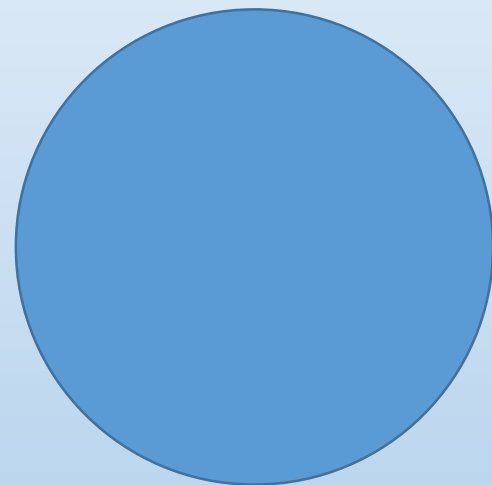
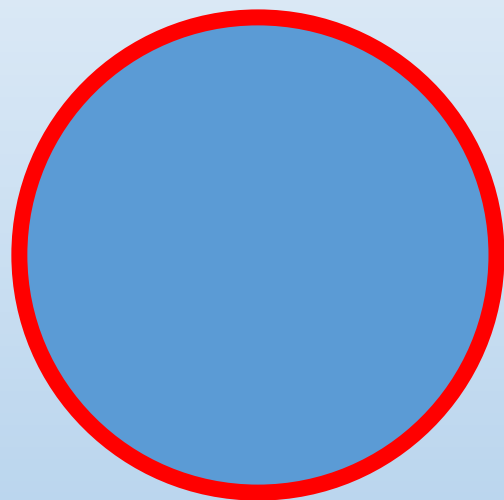
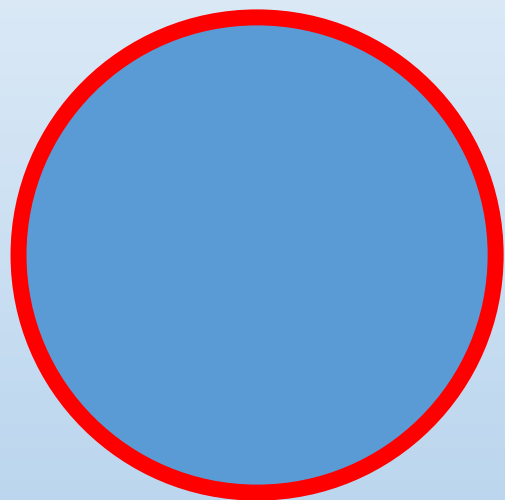
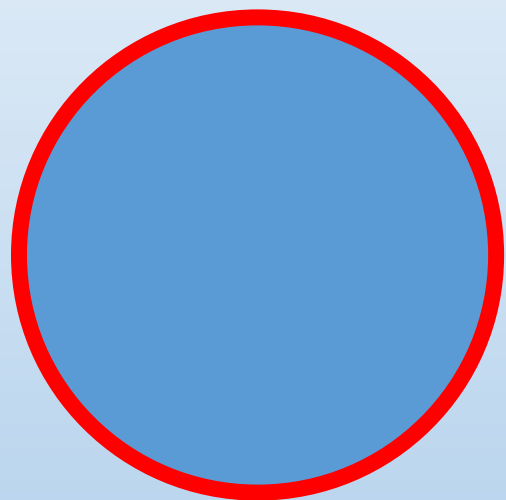
16

$$\frac{3}{4} \text{ of } 16 = 12$$

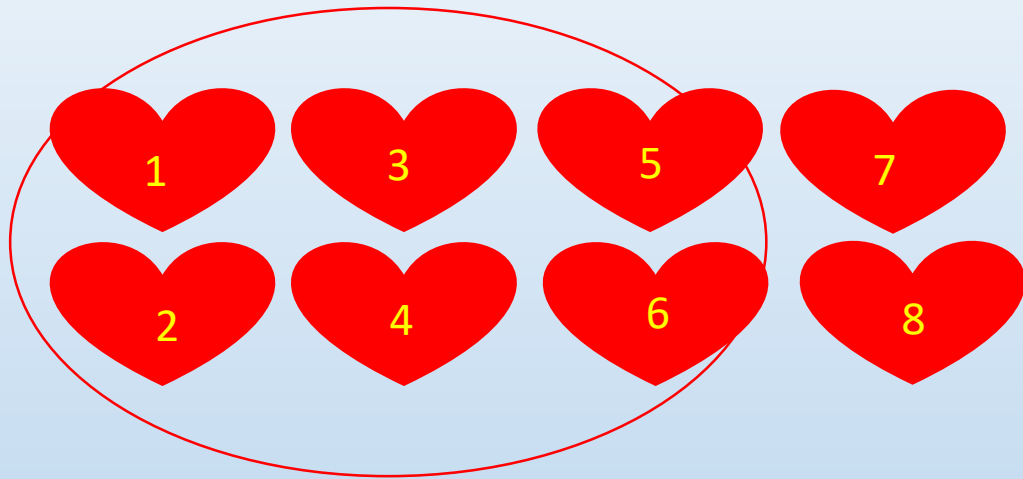


Your turn

$\frac{3}{4}$ of 12



Circle $\frac{3}{4}$ of the objects



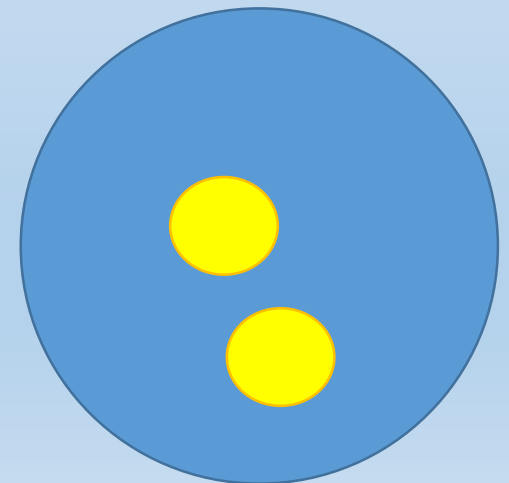
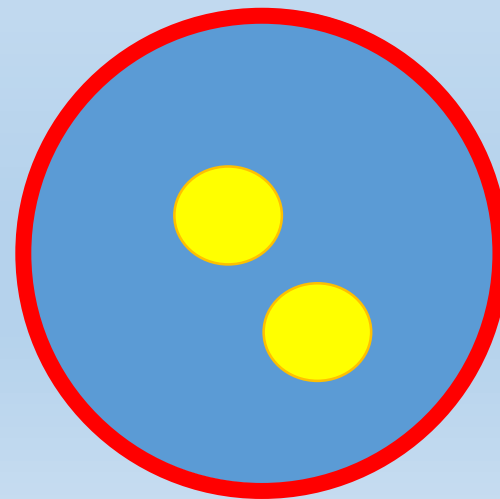
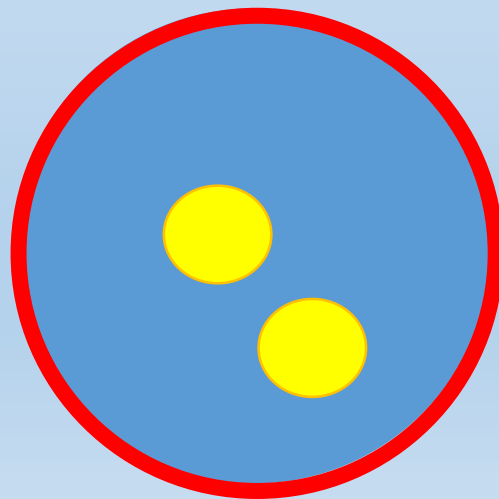
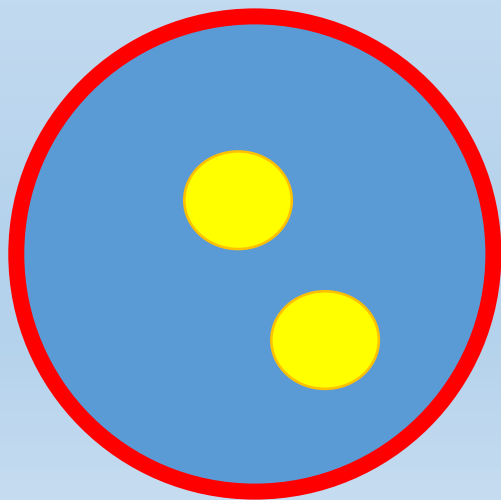
To find $\frac{3}{4}$ of the shape follow the steps.

Step 1- How many objects are there?

Step 2- Split the number into 4 equal groups (because the denominator is 4)

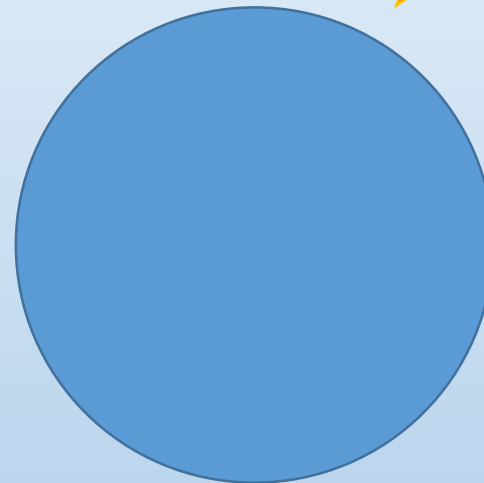
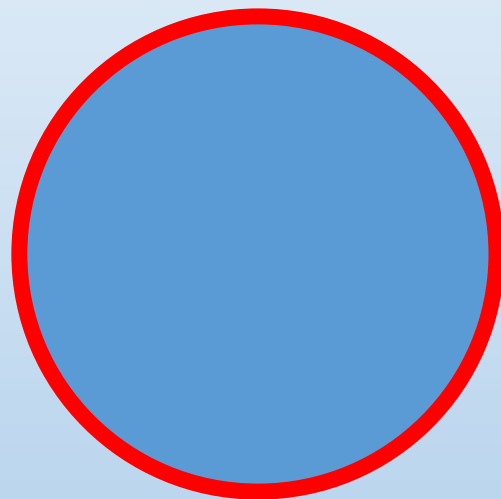
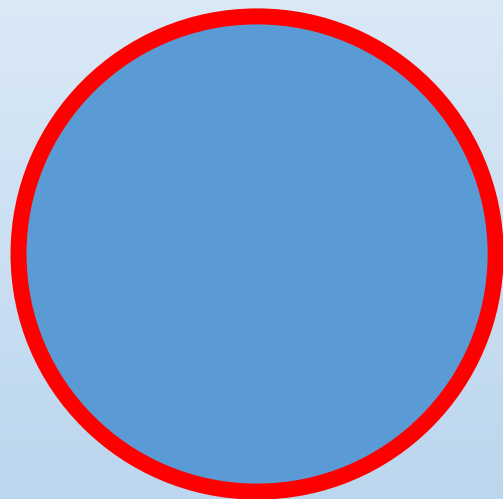
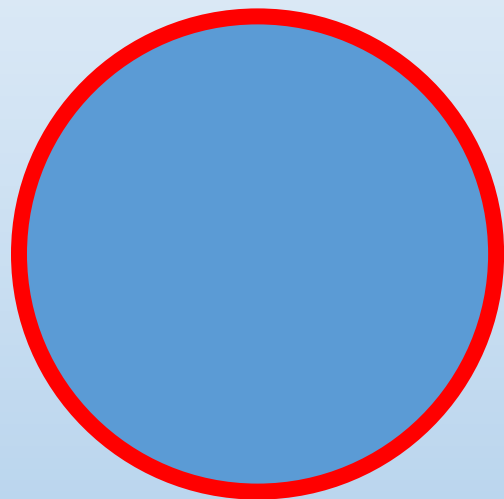
Step 3- Count how many there are in **3 groups**. This is because the numerator is a

Step 4- Circle the ³ number of objects



Your turn

$\frac{3}{4}$ of



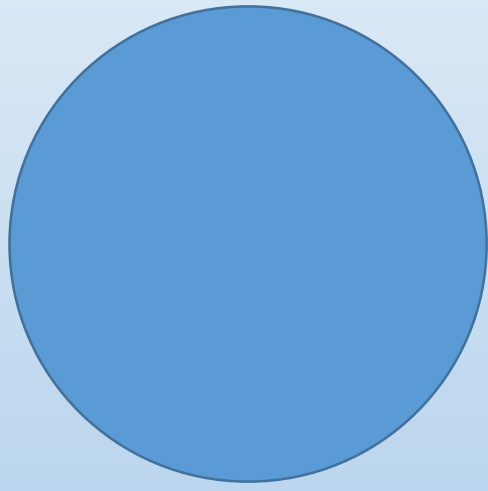
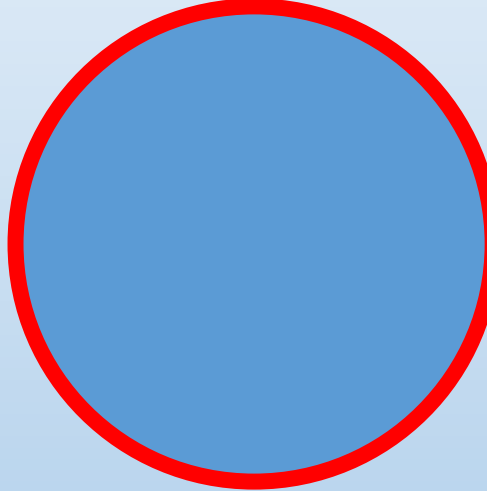
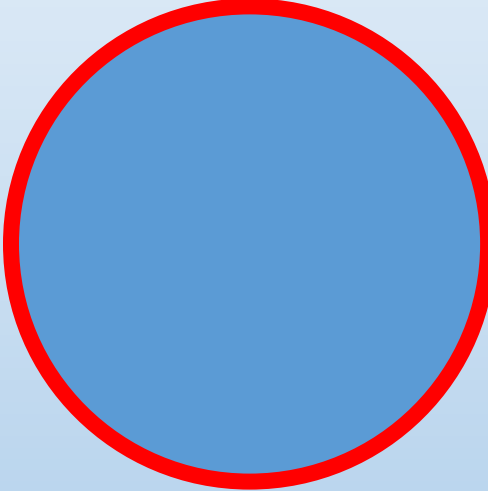
$\frac{2}{3}$ of a number

12

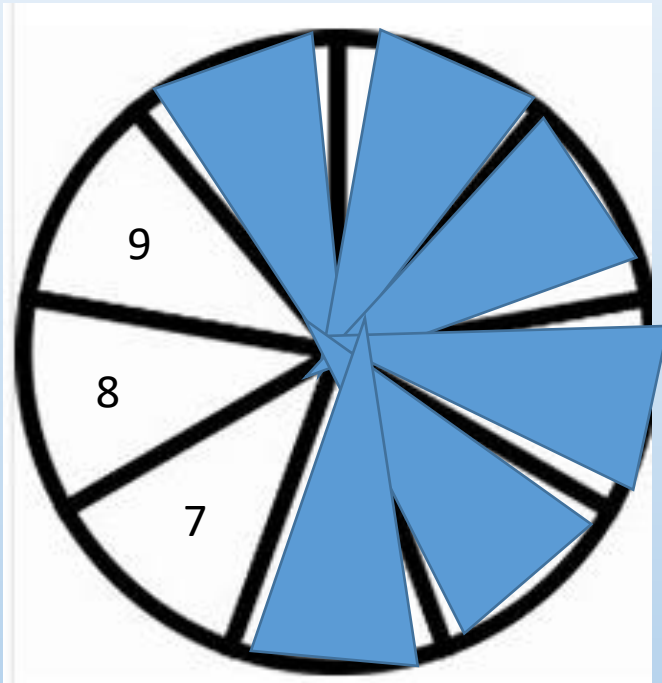
$$\frac{2}{3} \text{ of } 12 = 8$$



Your turn
2/3 of 15

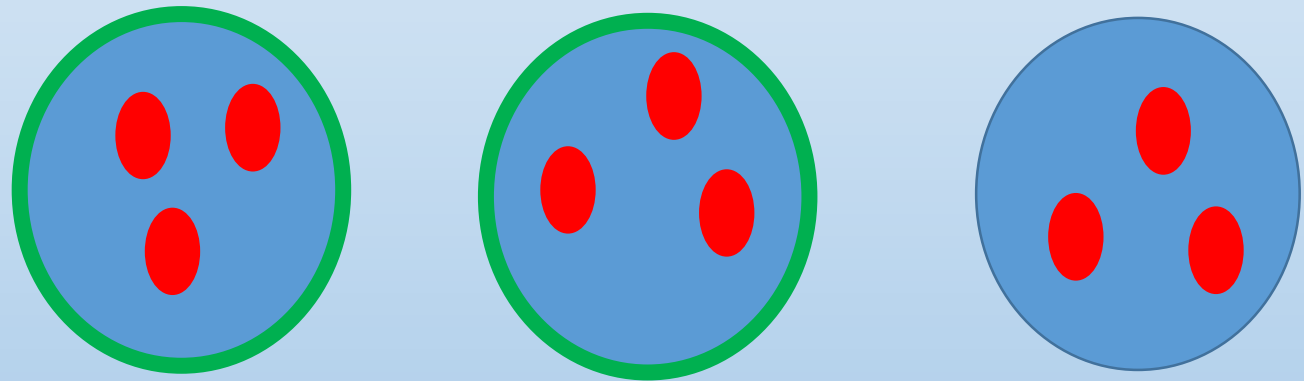


Shade $\frac{2}{3}$ of the following shape



Step 1- Count how many parts there are

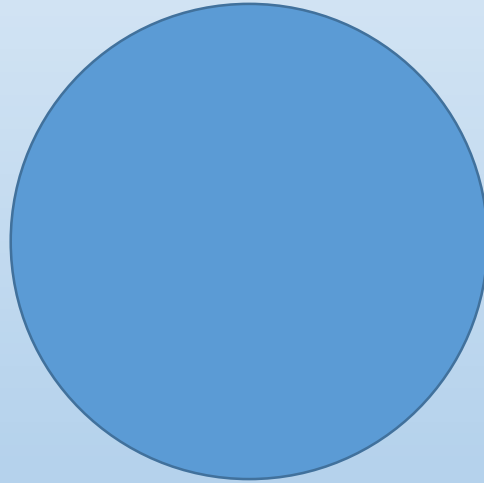
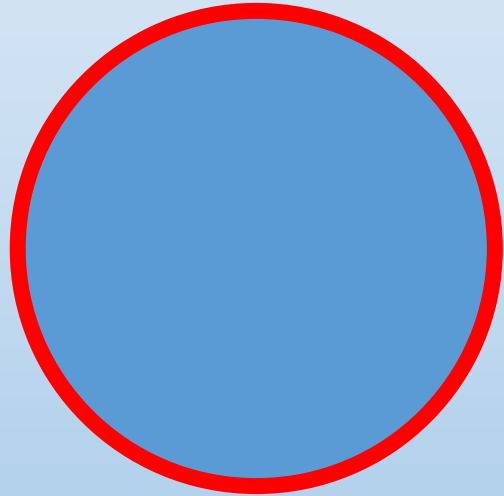
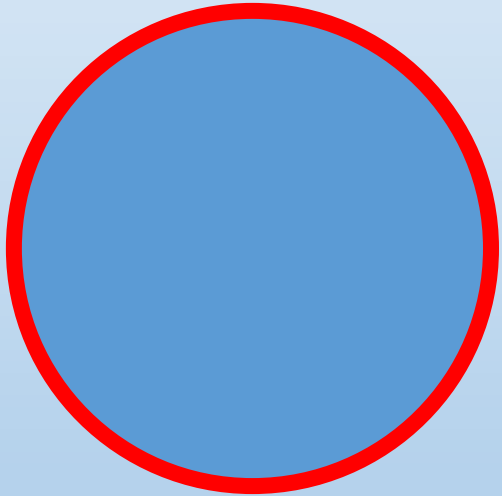
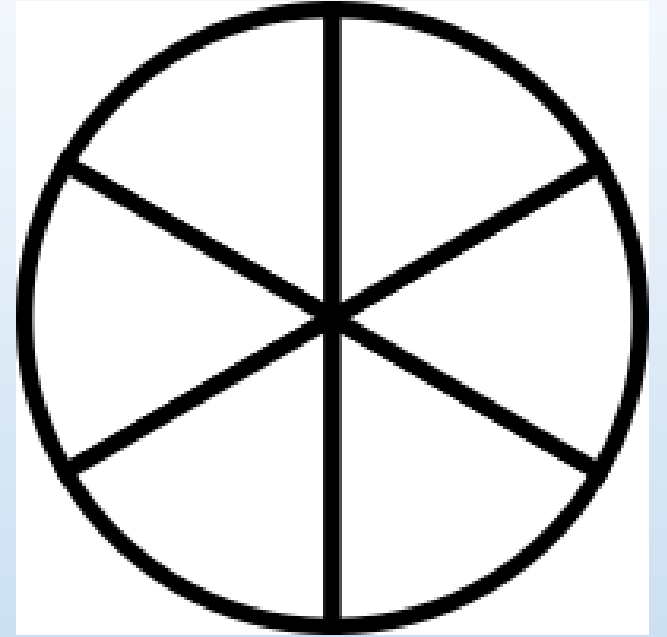
Step 2- Find $\frac{2}{3}$ of the number of parts



$$\frac{2}{3} \text{ of } 9 = 6$$

Step 3- Shade 6 parts of the shape

Your turn
2/3 of the following shape



Thursday – Session 4

Complete the session 3 task.


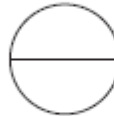




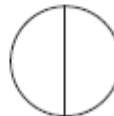



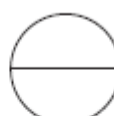



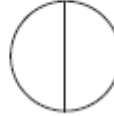

Remember to look at the numerator and denominator to help.

Use the previous slides to help you if you need a quick recap.

Task A is if you have found it slightly trickier.

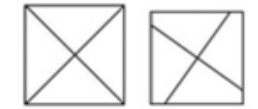






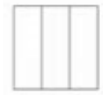













Task A

Year 2 - Read and Colour the Fractions

 one quarter	 one half	 three quarters	 whole
 one third	 one quarter	 whole	 two thirds
 whole	 one third	 one half	 two quarters
 $\frac{2}{2}$	 $\frac{2}{3}$	 $\frac{1}{2}$	 $\frac{1}{3}$

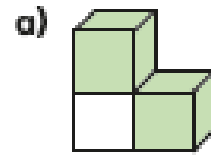
Task B

Non-Unit Fractions

<p>Shade $\frac{1}{2}$ of the shape.</p>    	<p>Shade $\frac{1}{3}$ of the shape.</p>     
<p>Find $\frac{1}{4}$ of the number Use the sharing circles to help you</p> <p>8  =</p> <p>16  =</p> <p>24  =</p> <p>32  =</p>	<p>Find $\frac{1}{3}$ of the number Use the sharing circles to help you</p> <p>9  =</p> <p>12  =</p> <p>24  =</p> <p>27  =</p>
<p>Circle $\frac{1}{2}$ of the objects</p>  	<p>Circle $\frac{2}{3}$ of the objects</p>  

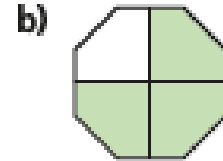
Challenge

Complete the sentences.



There are 3 equal parts.
There are 2 parts shaded.

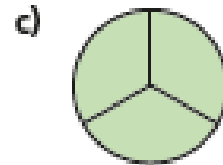
is shaded.



There are equal parts.

There are parts shaded.

is shaded.



There are equal parts.

There are parts shaded.

is shaded.

Friday - Session 5



Use the following link to practice finding fractions of amounts. As a class, play the following bingo game. Who will win?

<https://www.topmarks.co.uk/Flash.aspx?f=bingofractionsofamountsv3>