

Year 3

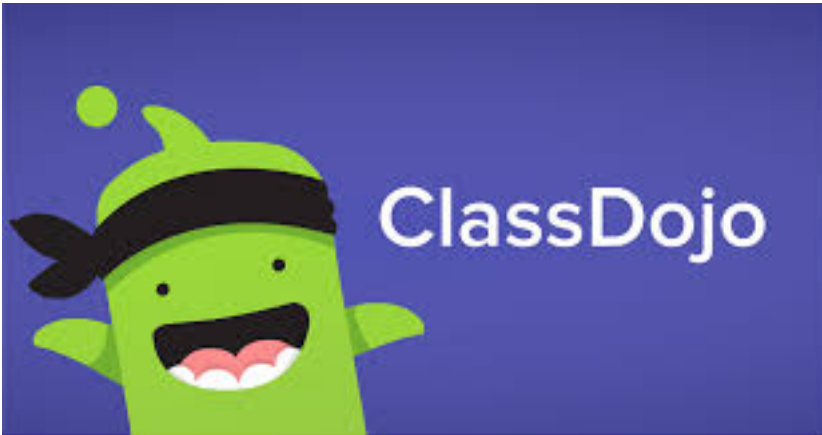
Maths Lesson

27.1.21

Home Learning Powerpoint – If you have any problems, just send us a Dojo message.

On this maths powerpoint:

- 1 warm up activity
- 1 maths lesson



Remember – you can get Dojos for posting pictures of your work on Class Dojo!



Warm Up Activity



Practise halving numbers

1. Half of 22 =
2. Half of 44 =
3. Half of 16 =
4. Half of 20 =
5. Half of 26 =
6. Half of 42 =
7. Half of 18 =
8. Half of 100 =
9. Half of 24 =
10. Half of 80 =

Answers on
the next
page – no
peeking!



Warm Up Activity



Answers!

1. Half of 22 = **11**
2. Half of 44 = **22**
3. Half of 16 = **8**
4. Half of 20 = **10**
5. Half of 26 = **13**
6. Half of 42 = **21**
7. Half of 18 = **9**
8. Half of 100 = **50**
9. Half of 24 = **12**
10. Half of 80 = **40**

Now mark
your work.

How did you
do?

Maths Lesson

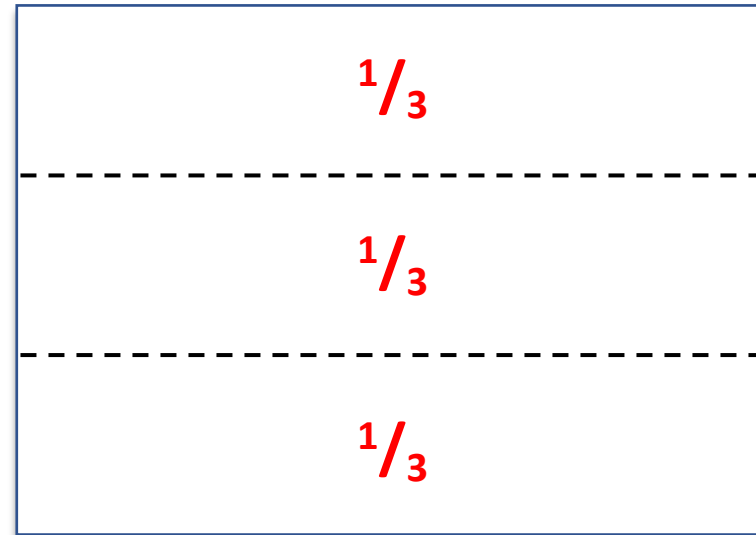
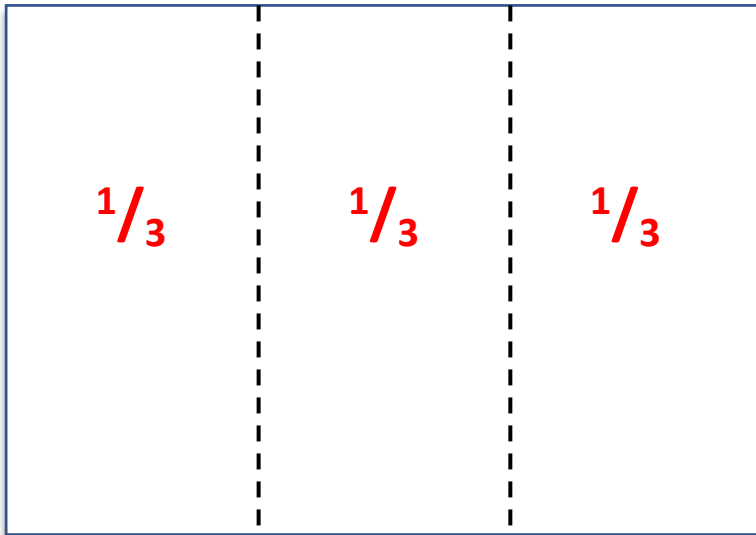
Write out your objective and date in your exercise book.

27.1.21

Objective: Can I find fractions of a set of objects?

Fold a sheet of paper
into 3 equal parts...

Two ways to do that...



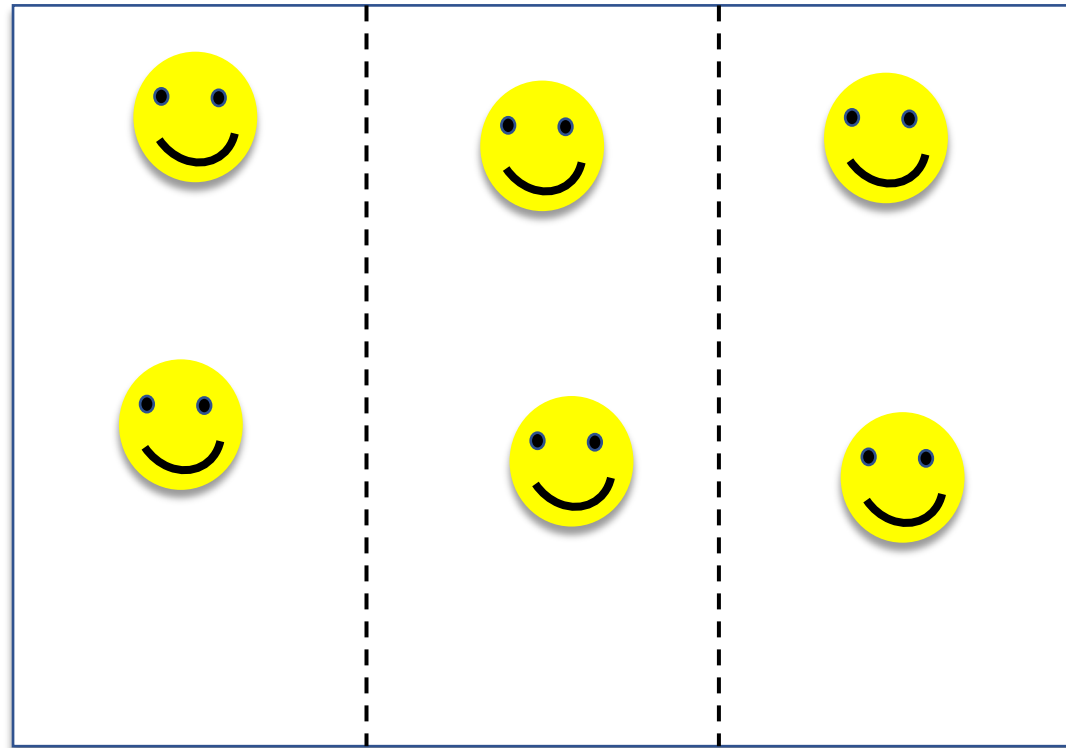
Each part is a third of the
whole piece of paper.

Draw **2 smiley faces**
on each **third** of
your paper...

How many smiley
faces altogether?

What is **$\frac{1}{3}$ of 6**? How
can you be sure?

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



What is **$\frac{2}{3}$ of 6**? How
can you be sure?

$$\frac{2}{3} \text{ of } 6 = 4$$

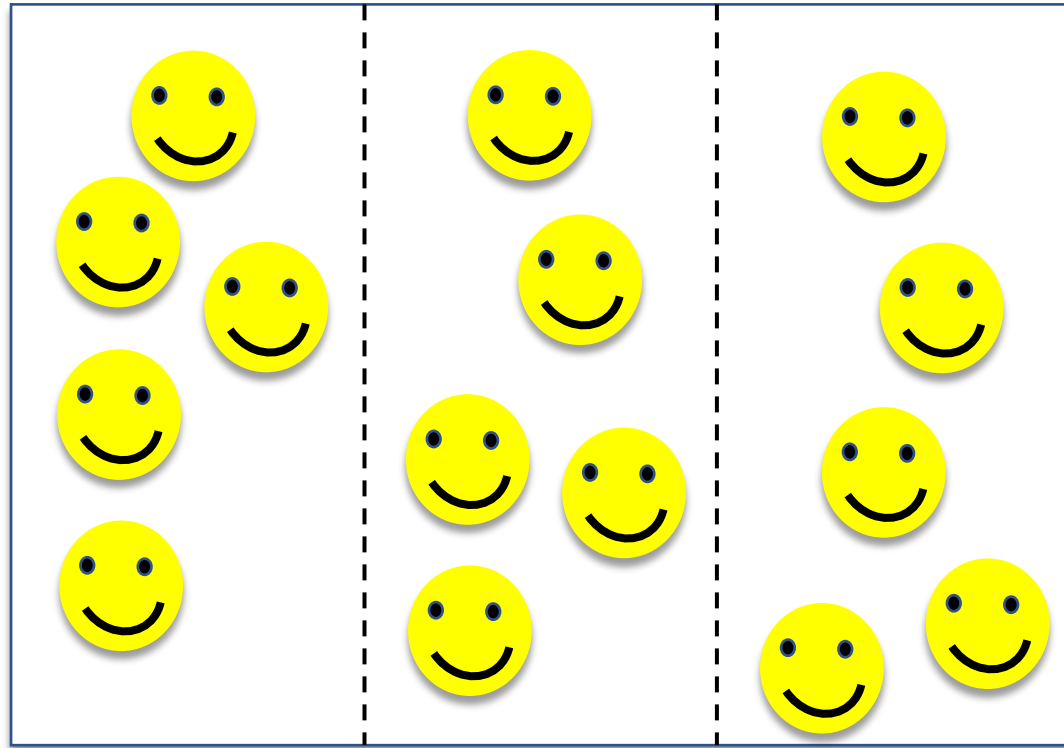
Day 2: Find $\frac{1}{3}$ and $\frac{2}{3}$ of quantities.

Now draw **5 smiley faces** on each **third** of your paper...

How many smiley faces altogether?

What is $\frac{1}{3}$ of **15**? How can you be sure?

$$\frac{1}{3} \text{ of } 15 = 5$$



What is $\frac{2}{3}$ of **15**? How can you be sure?

$$\frac{2}{3} \text{ of } 15 = 10$$

Find a third

- 1 3 children are sharing a bar of chocolate.

The chocolate is split into 6 equal parts.



- a) Draw lines to share the chocolate equally.

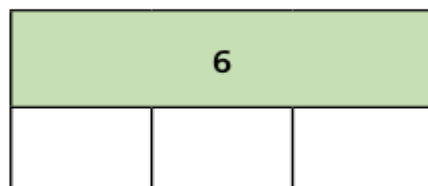
- b) Complete the sentences.

The whole chocolate bar is split into equal parts.

Each child gets parts each.

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

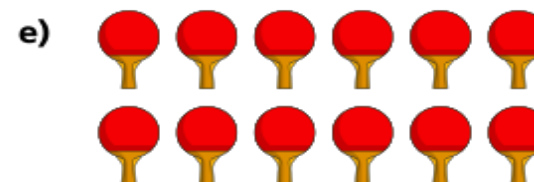
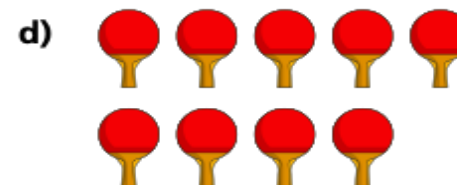
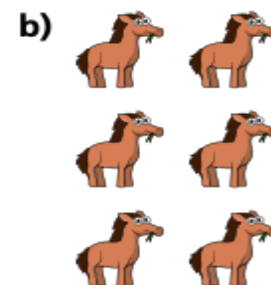
- c) Complete the bar model and number sentence.



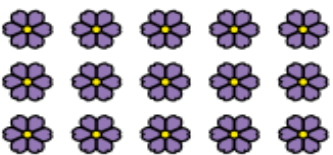
$$\frac{1}{3} \text{ of } 6 = \boxed{}$$



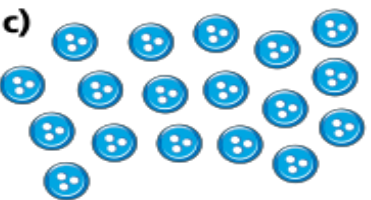
- 2 Circle $\frac{1}{3}$ of each group of items.



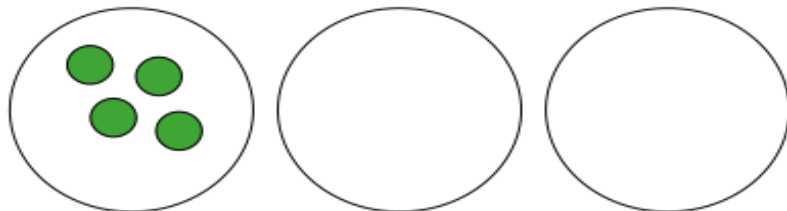
- 3 Circle $\frac{1}{3}$ of each group of items.
Complete the number sentences.

a)  $\frac{1}{3}$ of 15 =

b)  of =

c)  of =

- 4 One third of a number is 4
What is the number?



The number is

5



Teddy

I have $\frac{1}{3}$ of £9



Mo

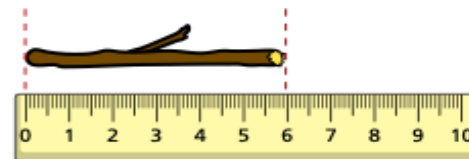
I have $\frac{1}{2}$ of £8

Who has more money? _____

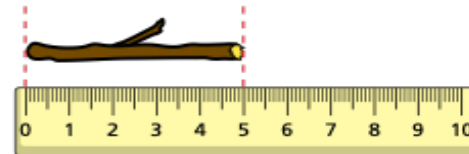
How do you know?

- 6 Whitney snaps two sticks into thirds.
Here is $\frac{1}{3}$ of each stick.

Stick A



Stick B



- a) How long was stick A before Whitney snapped it?

cm

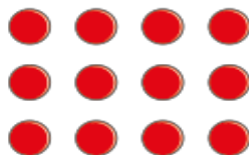
- b) How long was stick B before Whitney snapped it?

cm



Fractions of a set of objects (1)

- 1 Here are some counters.



a) Circle $\frac{1}{4}$ of the counters.

b) How many counters did you circle?

c) What is $\frac{1}{4}$ of 12?

- 2 Draw counters in the bar models to help you complete each number sentence. The first one has been done for you.

a) $\frac{1}{2}$ of 8 = 4

b) $\frac{1}{2}$ of 16 =

c) $\frac{1}{4}$ of 8 =

d) $\frac{1}{4}$ of 16 =



3



To find a half I need
to divide by 2

Do you agree with Dexter? _____

Talk about it with a partner.

4

Complete the table.

Fraction	Division	Example	Drawing
one half	divide by 2	$\frac{1}{2}$ of 6 = 3	
one quarter		$\frac{1}{4}$ of 8 = 2	



Extra Fun Activity – Play these online maths games.

<https://www.bbc.co.uk/games/embed/karate-cats-2?exitGameUrl=https%3A%2F%2Fbbc.co.uk%2Fbitesize%2Farticles%2Fzf4sscw>

How did you do?

Don't forget to post your work on Class Dojo!

