

Year 3

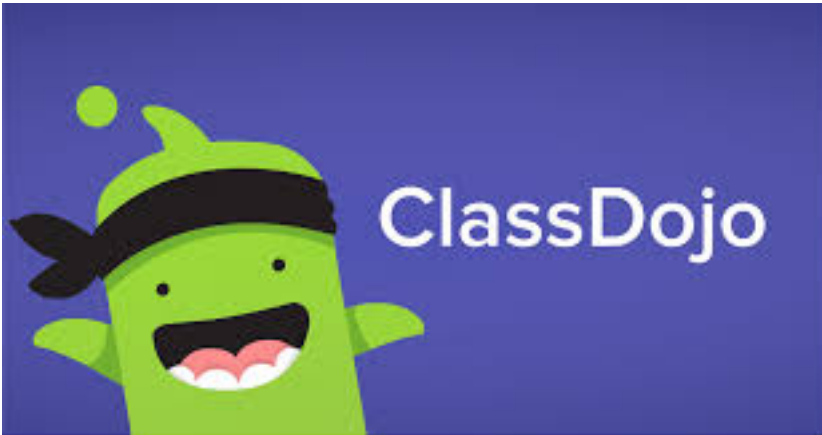
Maths Lesson

25.1.21

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 the 2 and 6 x tables.

Easier

1. ___ x 2 = 4
2. ___ x 2 = 12
3. ___ x 2 = 18
4. ___ x 2 = 6
5. ___ x 2 = 14
6. ___ x 2 = 10
7. ___ x 2 = 8
8. ___ x 2 = 16
9. ___ x 2 = 20
10. ___ x 2 = 2

Harder

1. ___ x 6 = 6
2. ___ x 6 = 42
3. 6 x ___ = 60
4. 6 x ___ = 48
5. ___ x 6 = 24
6. 6 x ___ = 36
7. ___ x 6 = 54
8. 6 x ___ = 12
9. ___ x 6 = 18
10. 6 x ___ = 30

Answers on
the next
page – no
peeking!



Warm Up Activity



Easier

1. **2** x 2 = 4
2. **6** x 2 = 12
3. **9** x 2 = 18
4. **3** x 2 = 6
5. **7** x 2 = 14
6. **5** x 2 = 10
7. **4** x 2 = 8
8. **8** x 2 = 16
9. **10** x 2 = 20
10. **1** x 2 = 2

Answers!

Harder

1. **1** x 6 = 6
2. **7** x 6 = 42
3. 6 x **10** = 60
4. 6 x **8** = 48
5. **4** x 6 = 24
6. 6 x **6** = 36
7. **9** x 6 = 54
8. 6 x **2** = 12
9. **3** x 6 = 18
10. 6 x **10** = 30

Now mark
your work.

How did you
do?

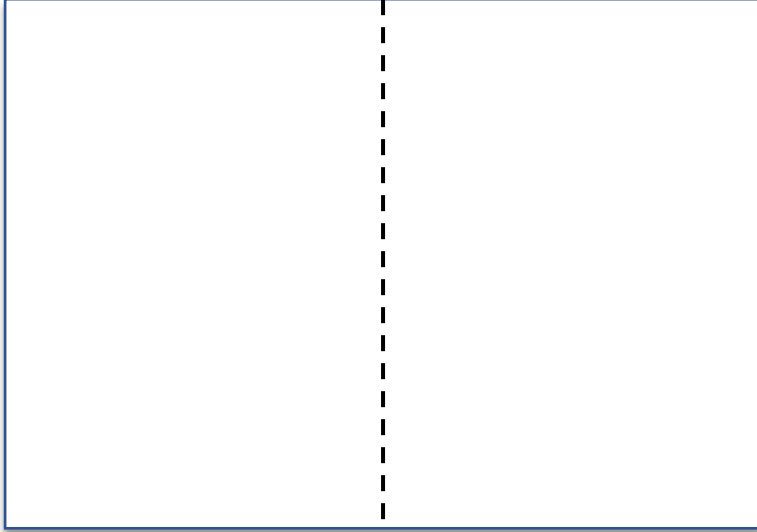
Maths Lesson

Write out your
objective and date in
your exercise book.

25.1.21

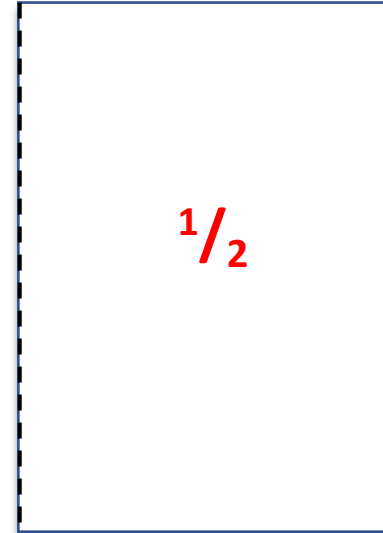
Objective: Can I recognise fractions of
shapes?

Day 1: Understand the concept of $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of shapes and numbers.



Watch carefully whilst I fold and cut this piece of paper in half.

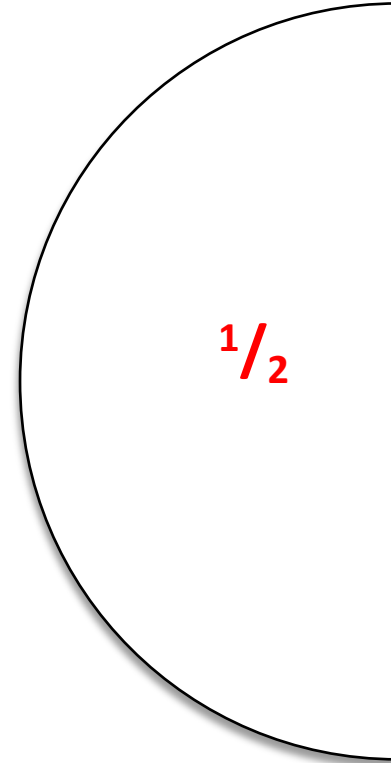
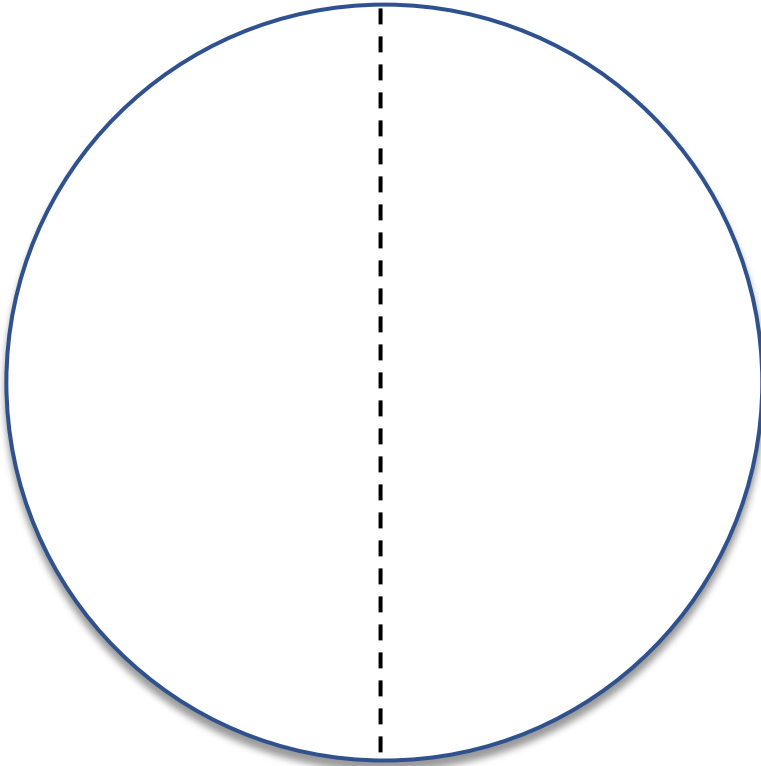
Remember how we write **half**...



Day 1: Understand the concept of $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of shapes and numbers.

Now let's try with a circle.

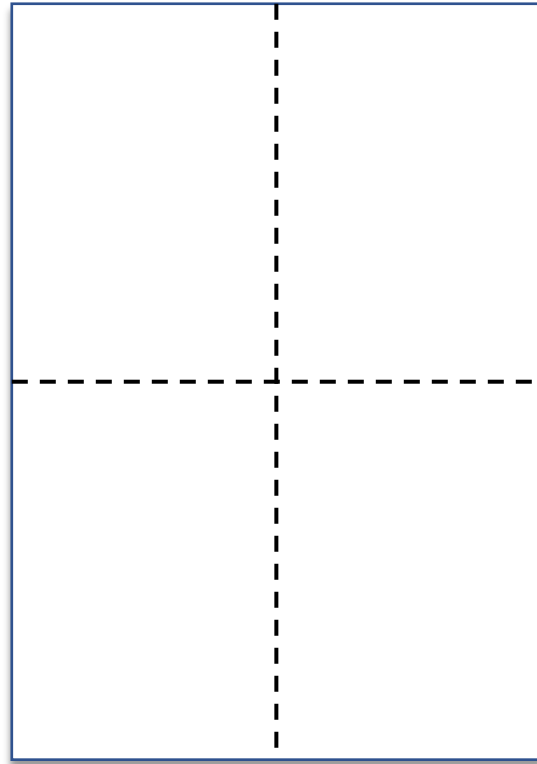
How much of the whole circle is this piece?



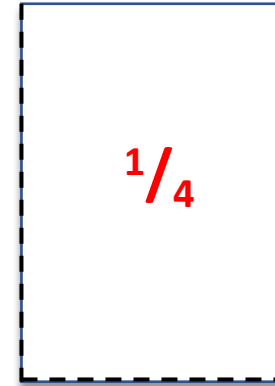
That's **1** out of **2** pieces!

Day 1: Understand the concept of $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of shapes and numbers.

This time I'm going to
fold the paper then fold
it again...



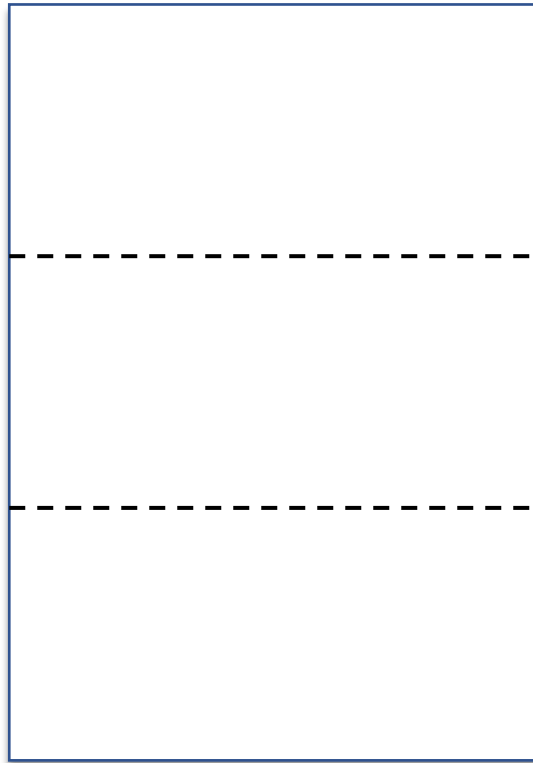
This is **1** of the
4 parts.



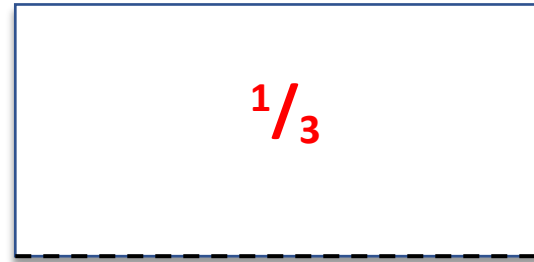
Remember how we
write **a quarter...**

Day 1: Understand the concept of $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of shapes and numbers.

This time I'm going to fold the paper into thirds.



This is **1** of the **3** parts.



Remember how we write **one third**...

Recognise a half

1 Complete the sentences.

The whole cake is split into

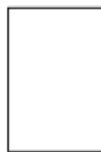


equal parts.

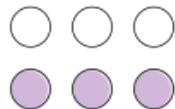
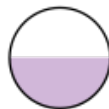


Each part is worth a _____.

This can be written as



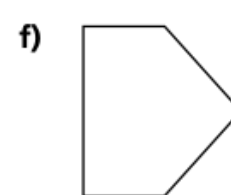
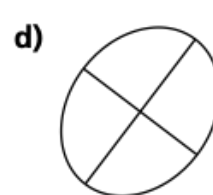
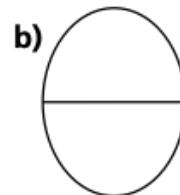
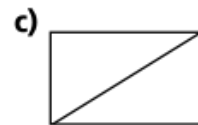
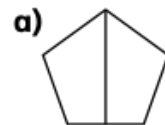
2 Tick the diagrams that have one half shaded.



3 Is $\frac{1}{2}$ of each shape shaded? How do you know?



4 Colour $\frac{1}{2}$ of each shape.



5 Colour $\frac{1}{2}$ of each square.

Show four different ways.



Recognise a quarter

1 Use the words to complete the sentences.

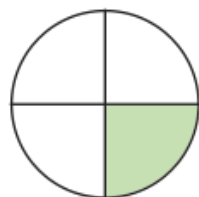
quarter

equal

The shape has been split into
4 _____ parts.

One of the 4 equal parts is called
a _____.

This can be written as $\frac{1}{4}$

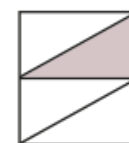
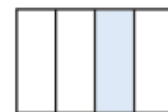
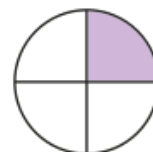


2 Colour $\frac{1}{4}$ of each shape.



Does it matter which quarter you colour?
Talk to a partner.

3 Tick the shapes that have $\frac{1}{4}$ shaded.

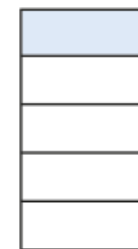


Talk about your answers with a partner.

4



This shape
has $\frac{1}{4}$ shaded



Do you agree with Whitney? _____

Why?

Recognise a third

1 Use the words to complete the sentences.

$\frac{1}{3}$

three

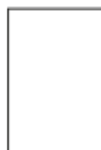
third



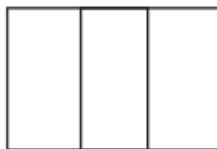
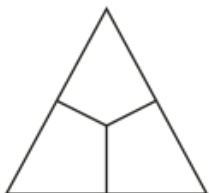
The spinner is split into _____ parts.

Each part is worth a _____.

This can be written as



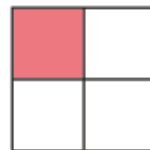
2 Colour $\frac{1}{3}$ of each shape.



3 Do the shapes have $\frac{1}{3}$ shaded?

Tick your answer.

a)



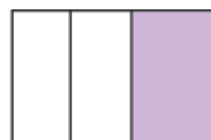
Yes

☐

No

☐

b)



Yes

☐

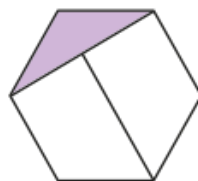
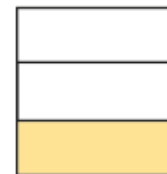
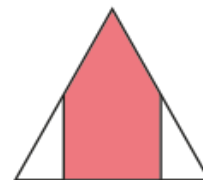
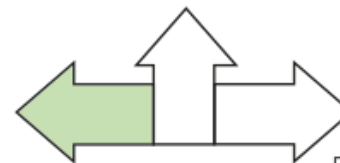
No

☐

How did you work this out? Talk to a partner.



4 Tick the shapes that have $\frac{1}{3}$ shaded.


☐

☐

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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!

