

Maths

To find one quarter of a shape.

Miss Sidhu



OAK
NATIONAL
ACADEMY

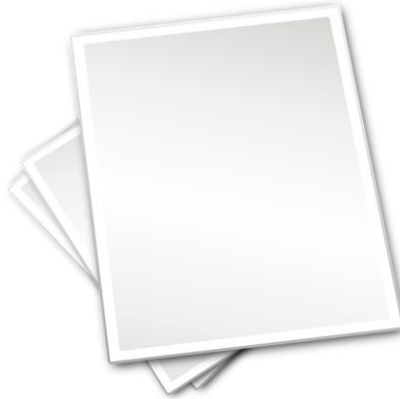
Welcome to today's lesson!

You will need...

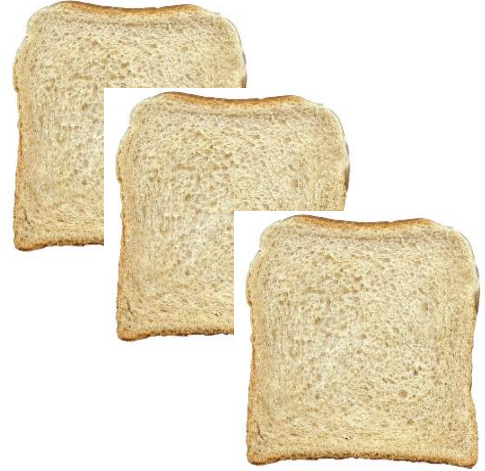
Item 1



Item 2



Item 3



Source: Pieces of paper - Creative Commons: Free vector graphic on Pixabay



Lesson agenda

Here is the outline for this lesson. We are going to look at:

Key vocabulary



Finding one quarter



Exploring parts to find a quarter



An Independent task and answers



A final quiz to see what we learnt





Star Words!



part

divide

whole

equal



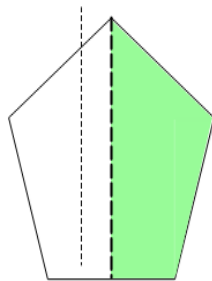
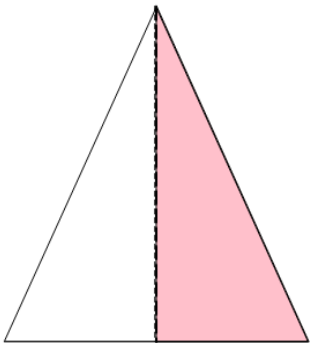
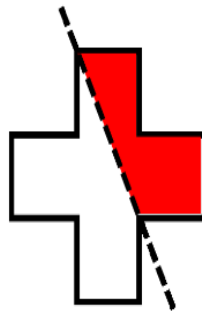
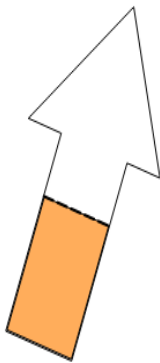
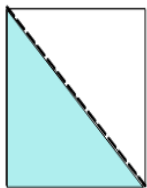
quarter

unequal



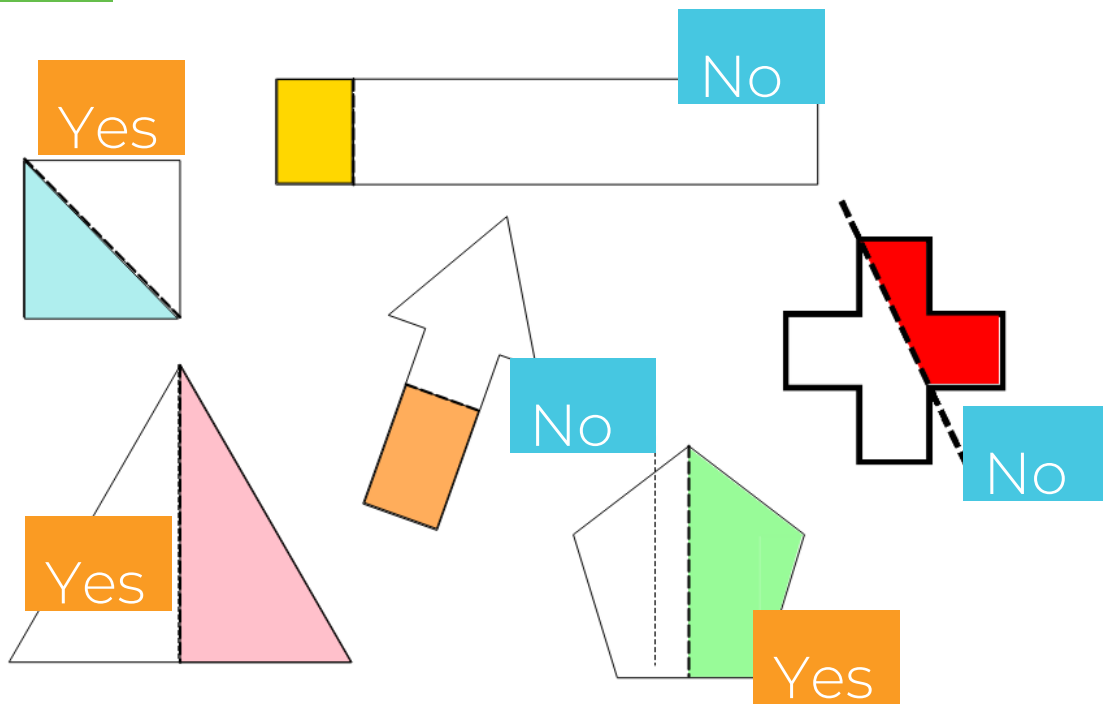
Brain teaser!

Are the
shapes split
in half?



Brain teaser!

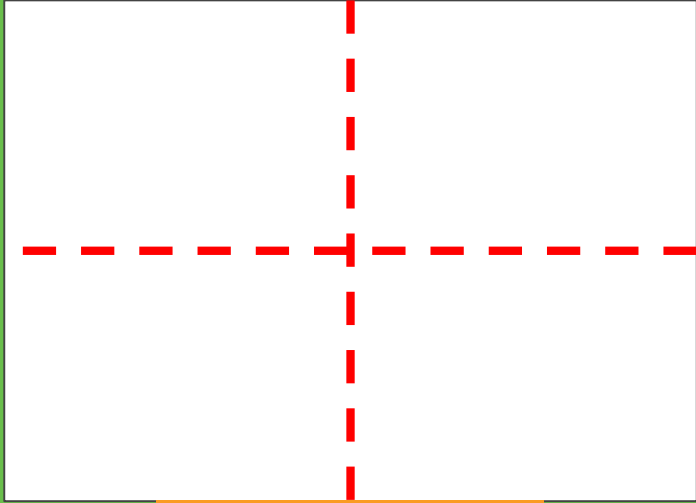
Are the
shapes split
in half?



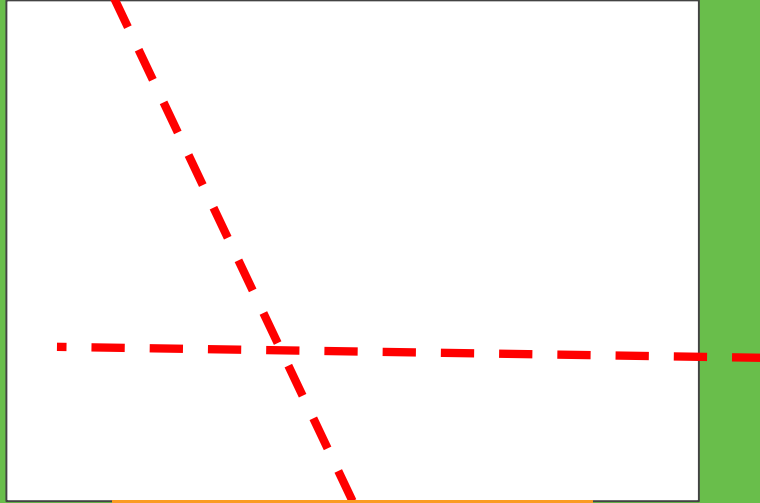
Finding one quarter



What is the same? What is different?



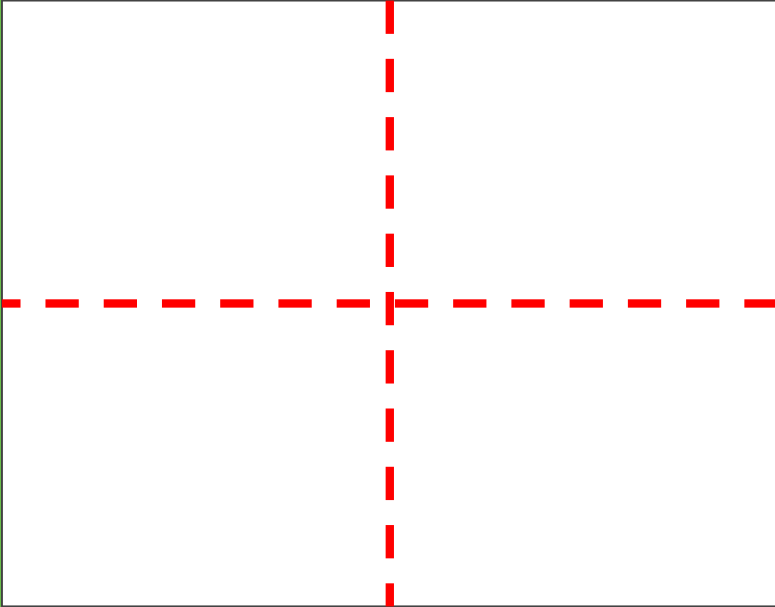
Equal parts



Unequal parts



How many equal parts are there?



The whole has been divided into four equal parts.

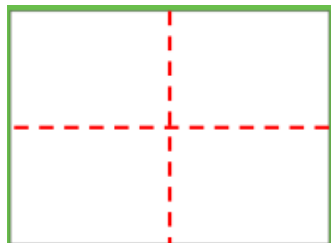




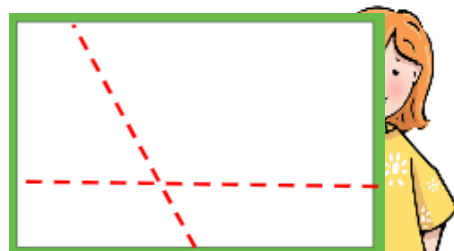
Can you fold the paper to show four equal parts?

Can you fold the paper to show four unequal parts?

I think this shape has been folded into roughly four equal parts because the edges are close together making the four parts equal.

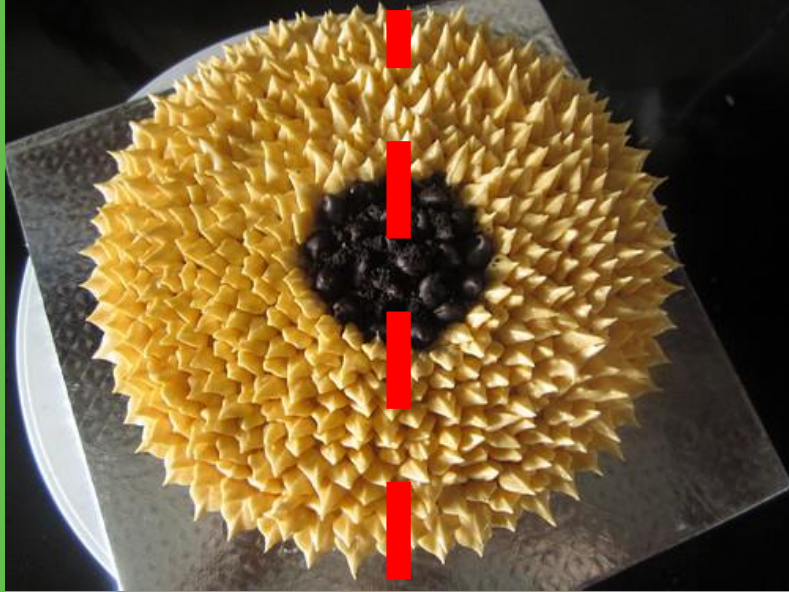


I think this shape is folded into four unequal parts because the edges do not line up and there is an overlap.





We can cut the cake into four equal parts.

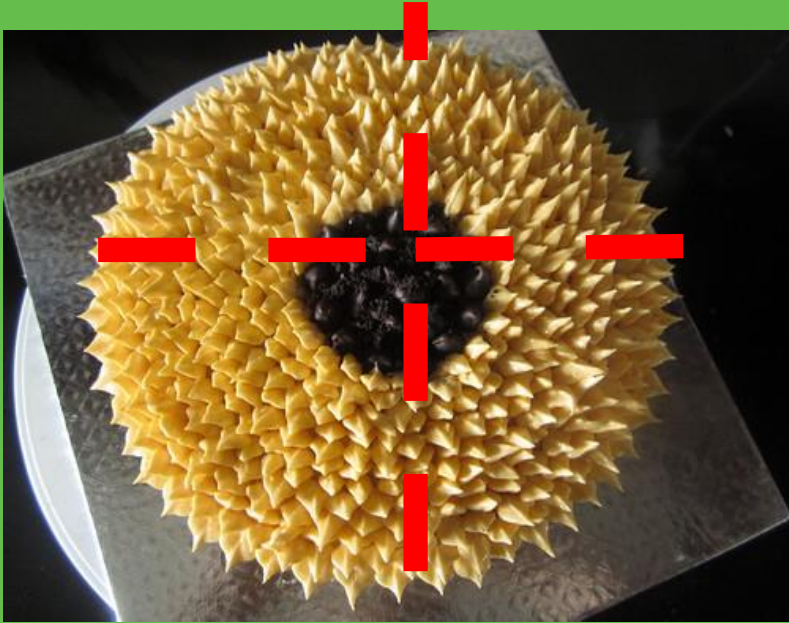


Source: Cake image - Creative commons:
Divyascookbook - CC BY-NC-ND

The whole has been divided into two equal parts. One part is half of the whole.



Have we got four equal parts?



Source: Cake image - Creative commons:
Divyascookbook - CC BY-NC-ND

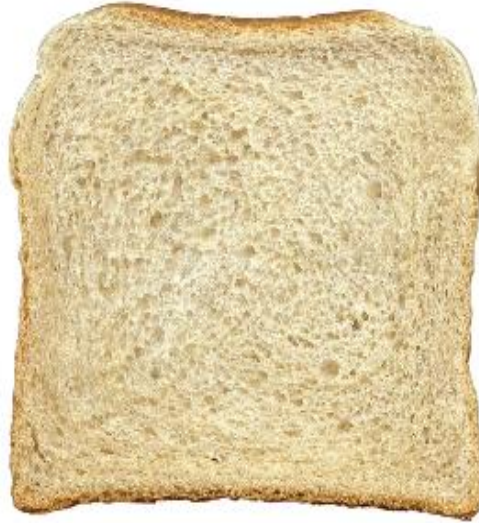
We have now got four
equal parts.
The whole is cut into four
quarters.



Independent Task

How many ways
can you divide a
slice of bread into
quarters?

How do you know?



How many ways
can you show the
slice not being
divided into
quarters?



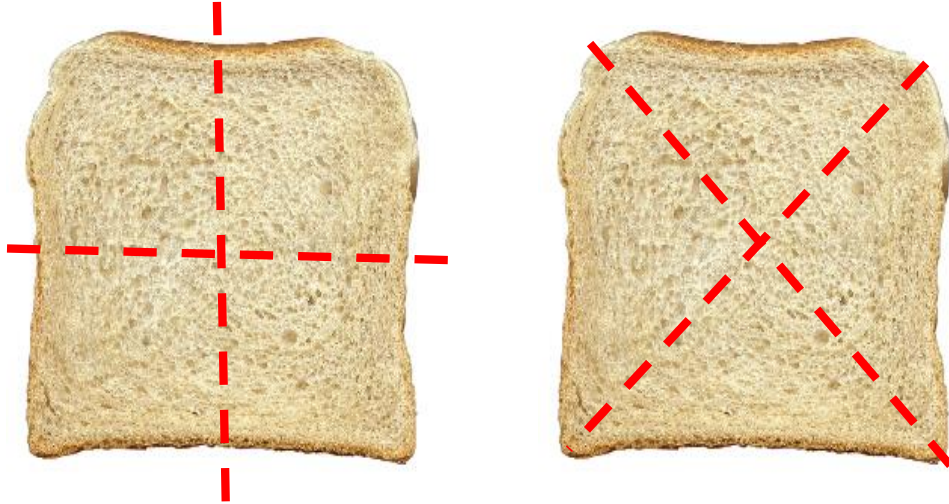
Challenge



Can you describe
the bar models
using our star
words?



Answers



Here are some of the ways you can show quarters.



Challenge answers

Whole

Part
Half

Part
Half

Part
Quarter

Part
Quarter

Part
Quarter

Part
Quarter

Can you describe
the bar models
using our star
words?



Share your work with Oak National

If you'd like to, please ask your parent or carer to share your work on Twitter tagging **@OakNational** and **#LearnwithOak**



You were great today at
finding a quarter.

Don't forget to complete
your end of lesson quiz.