

Maths

To find one quarter of a quantity.

Miss Sidhu



OAK
NATIONAL
ACADEMY

Welcome to today's lesson!

You will need...

Item 1



Lesson agenda

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

Key vocabulary



Finding one quarter of a quantity



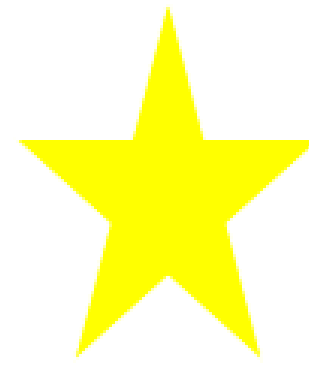
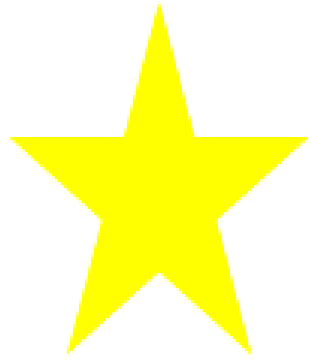
Using a part-whole model to find a quarter



An Independent task and answers



Star Words!



part

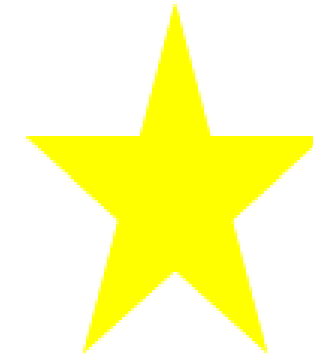
quarter

whole

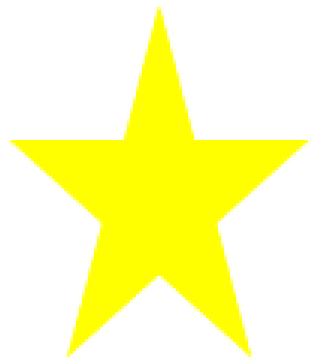
share

equal

divide

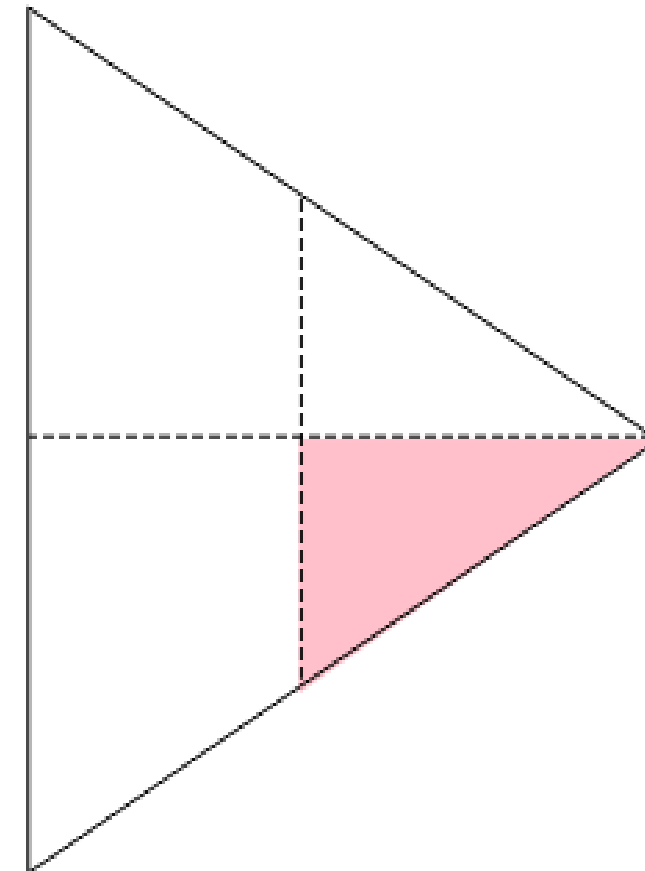
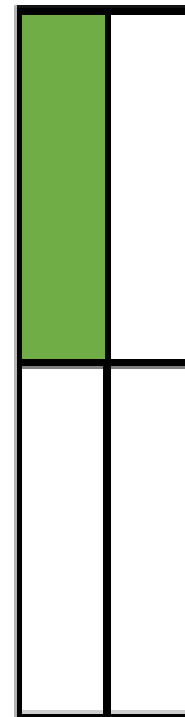
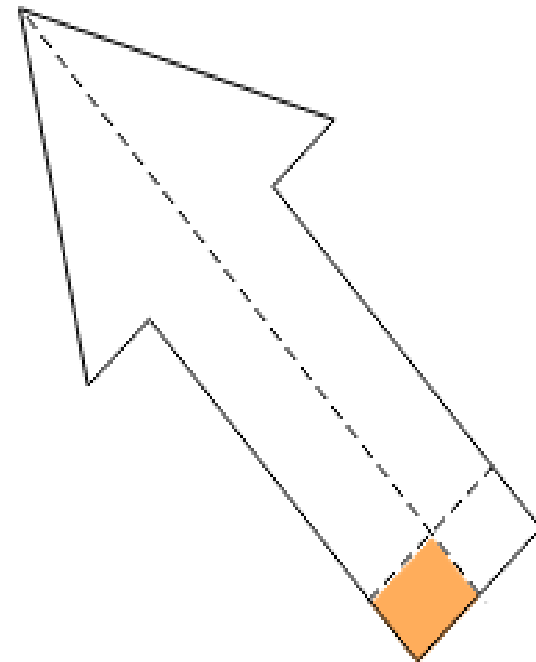
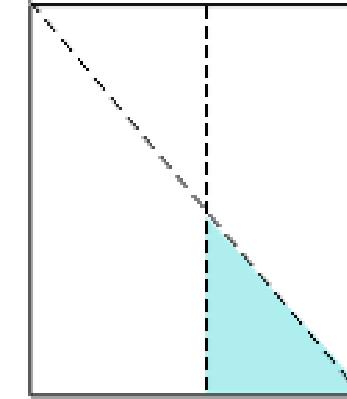
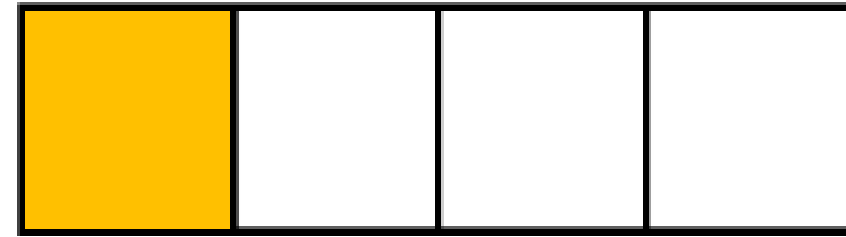
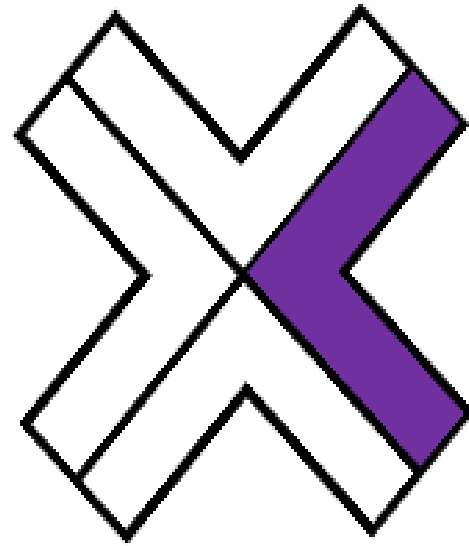


unequal



Brain teaser!

Does the
shape
represent
quarters?



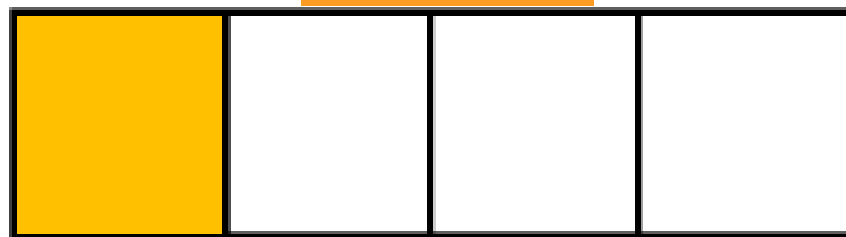
Brain teaser!

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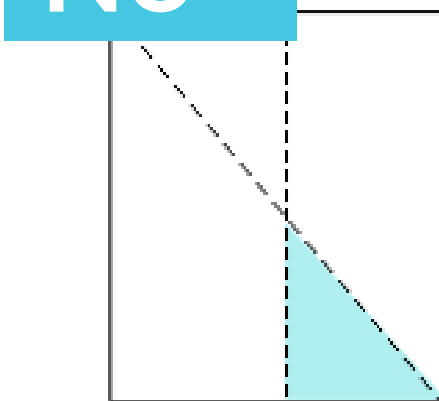
Yes



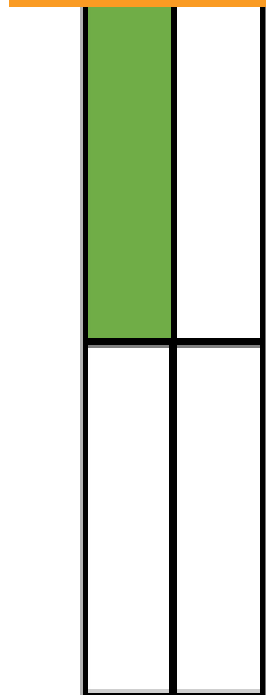
Yes



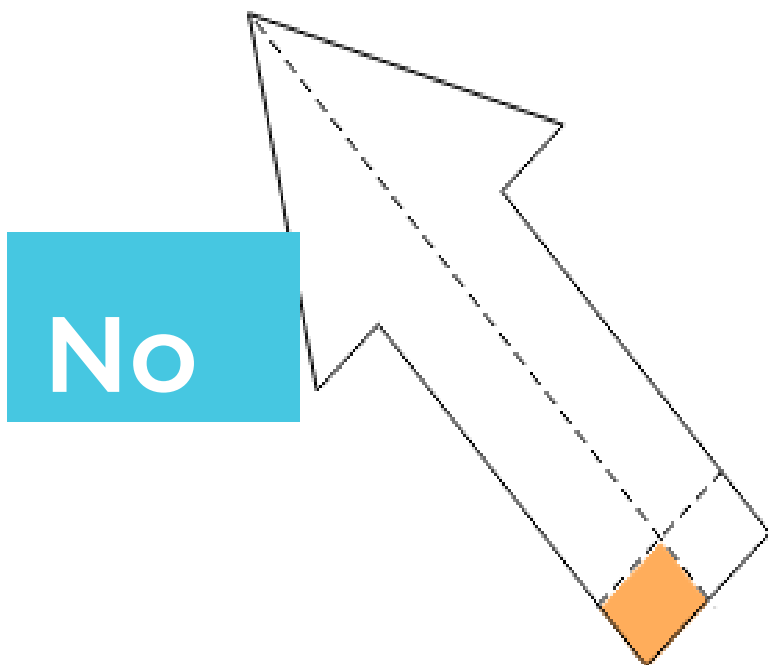
No



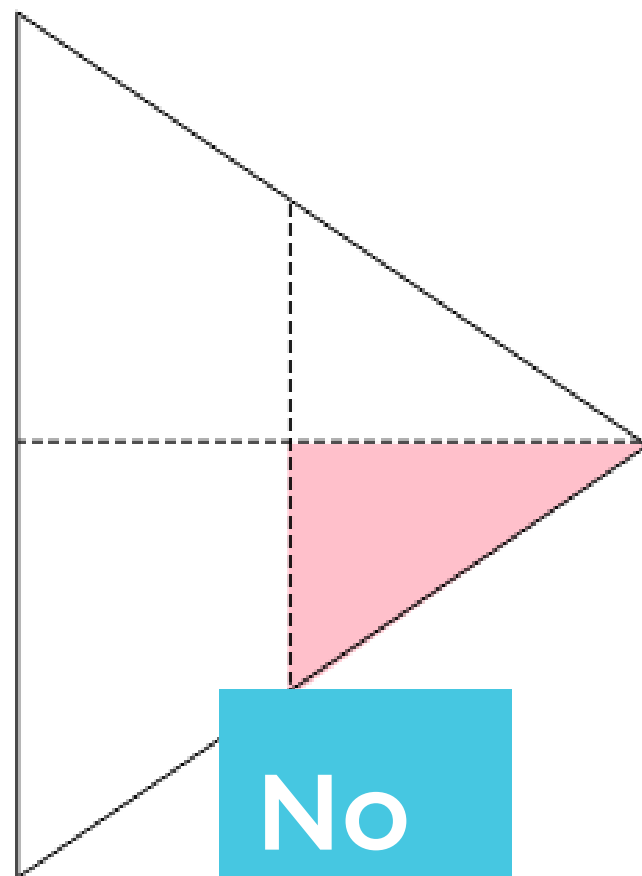
Yes



No



No





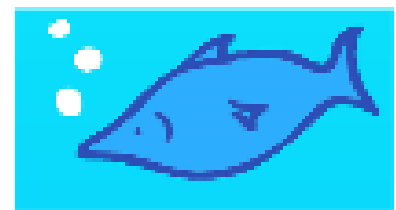
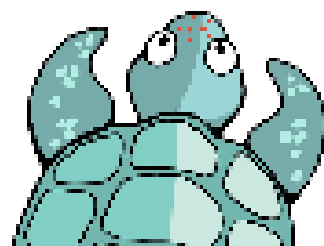
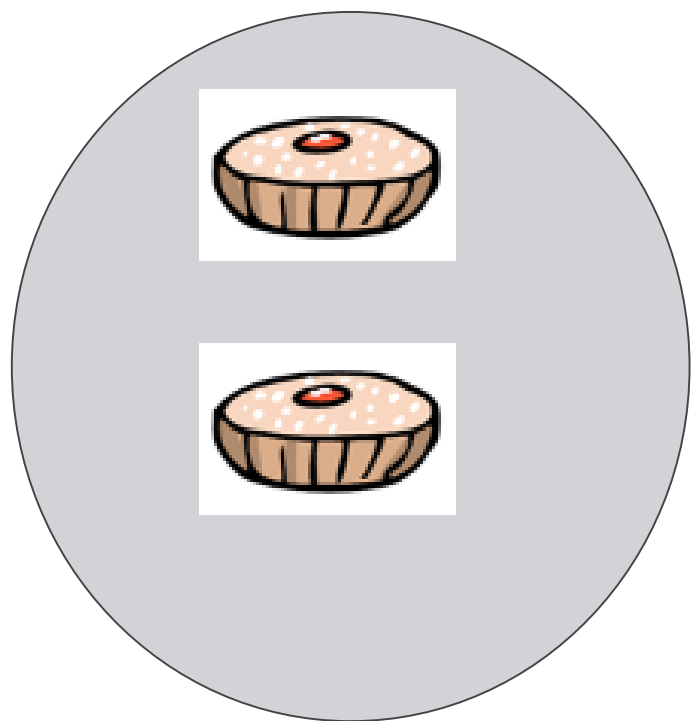
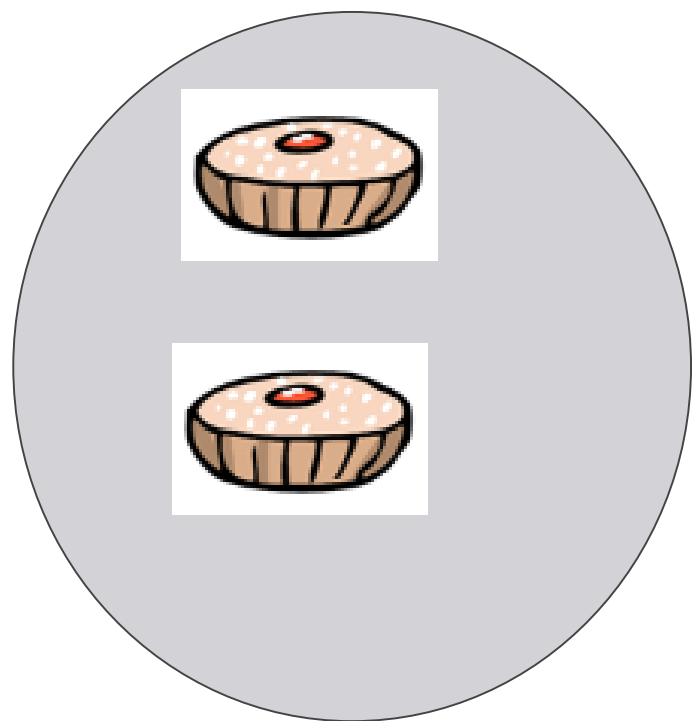
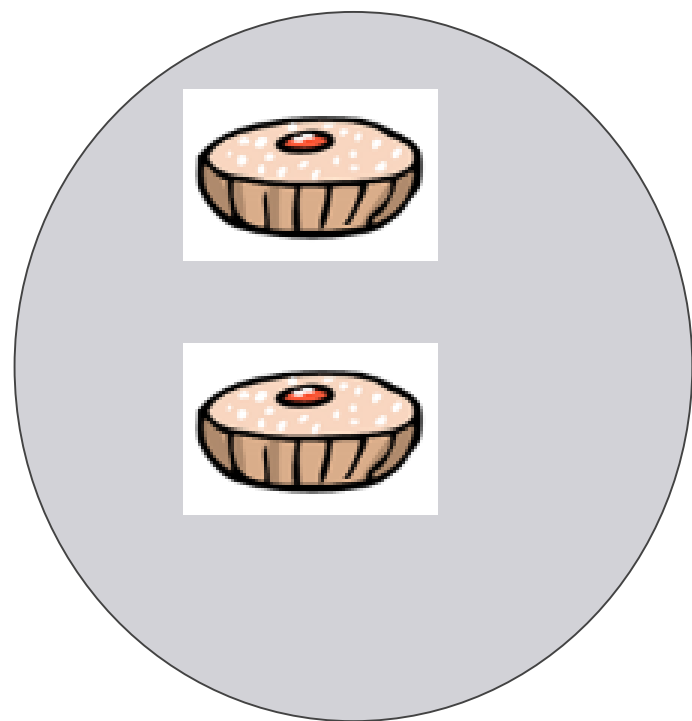
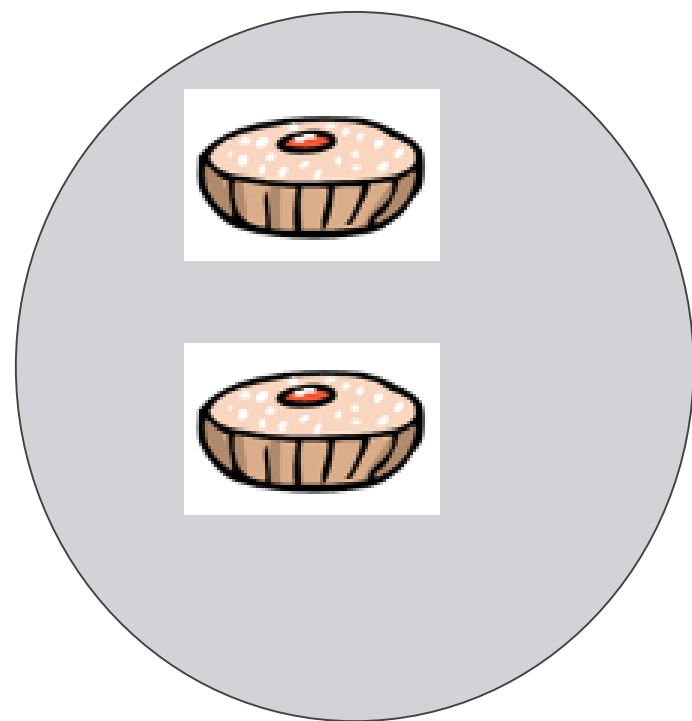
How many cakes will each guest eat?



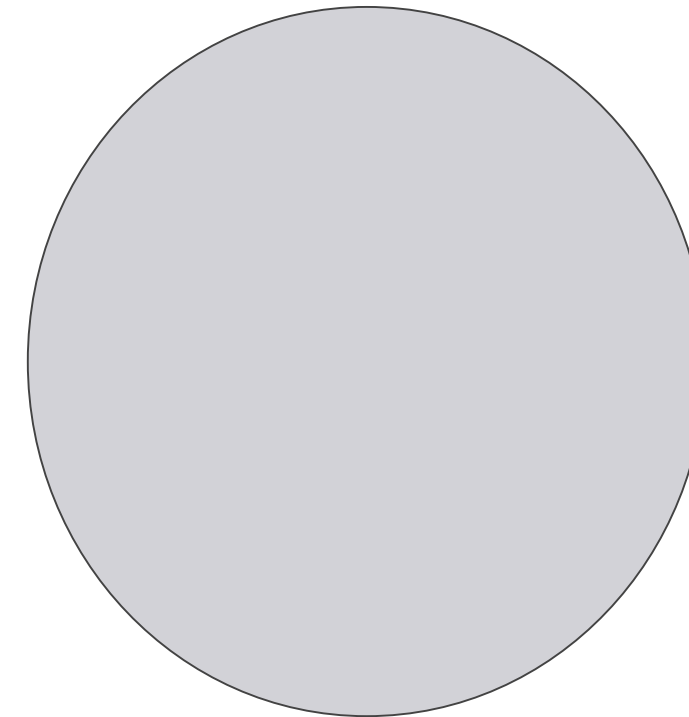
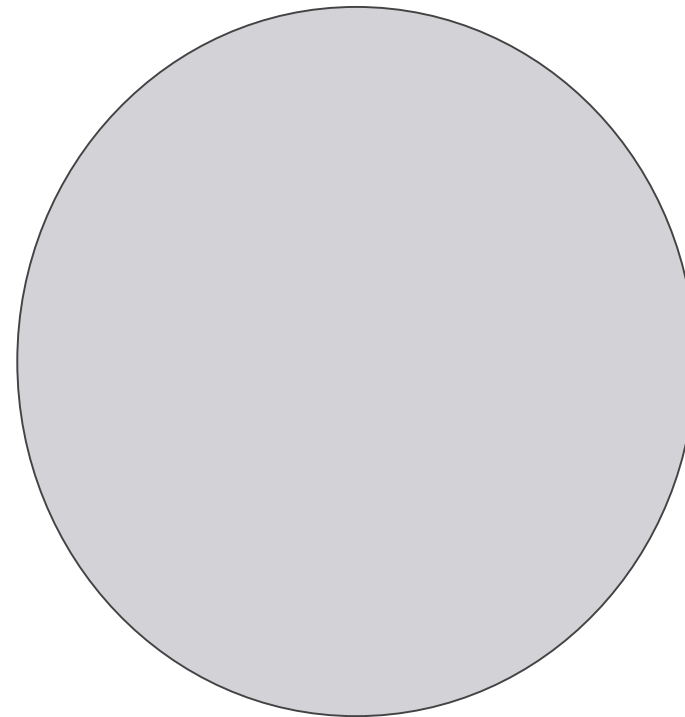
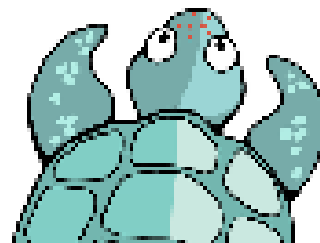
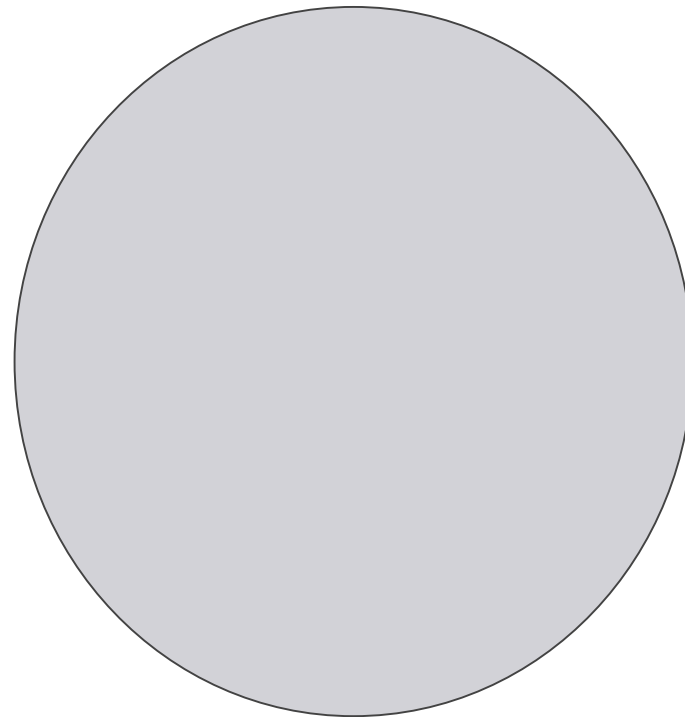
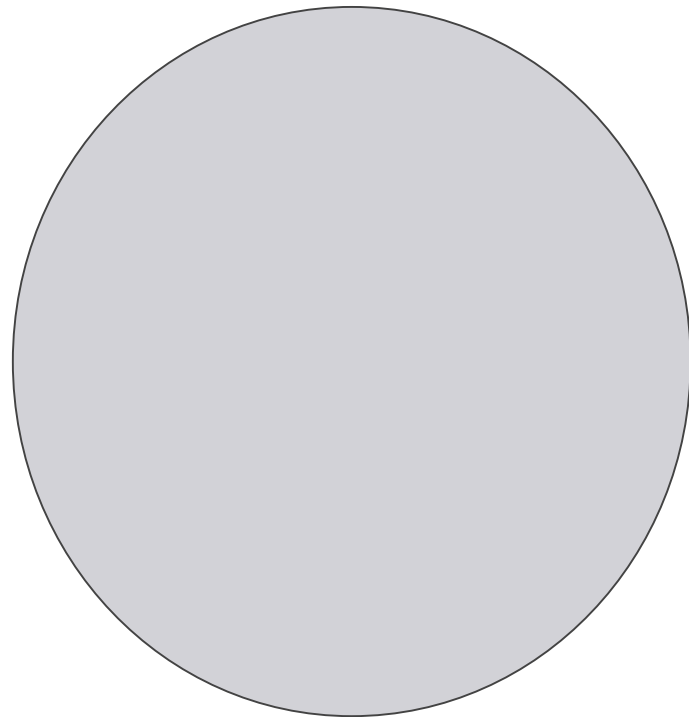
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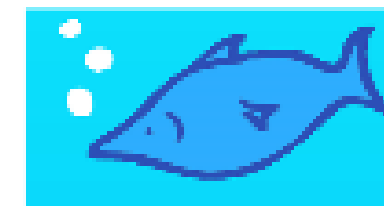
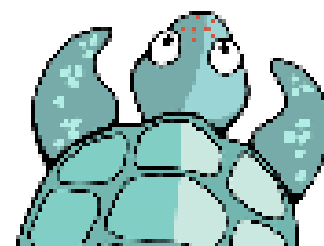
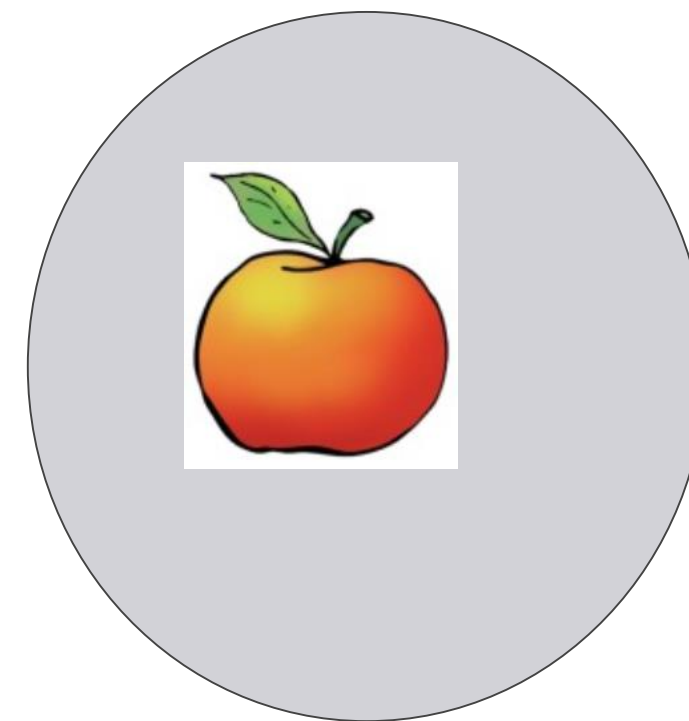
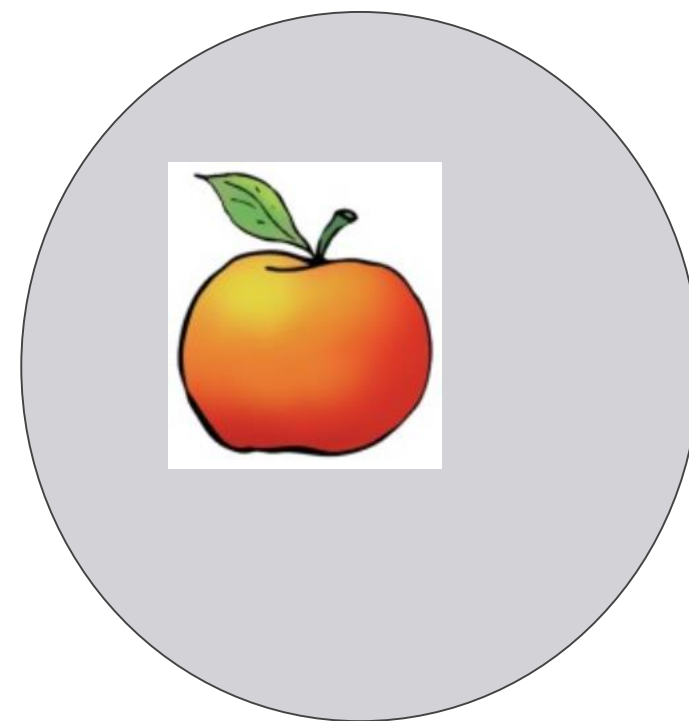
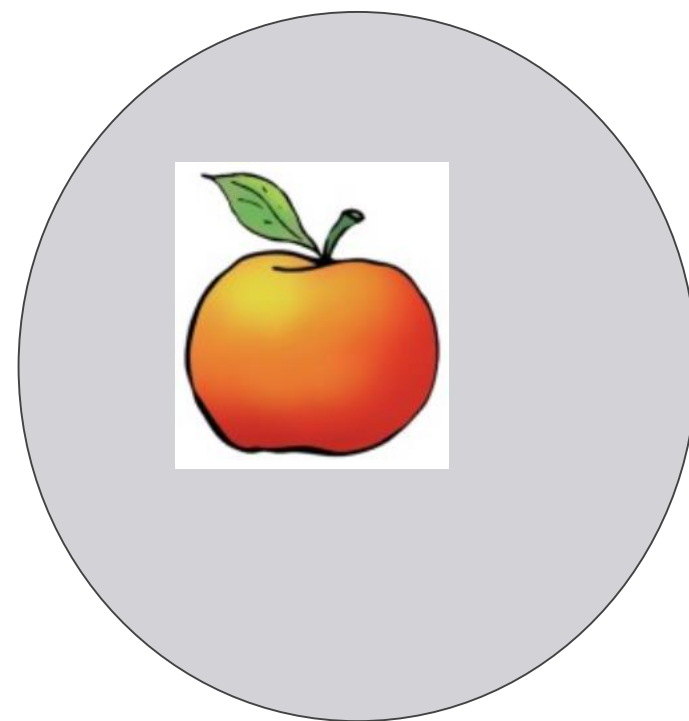
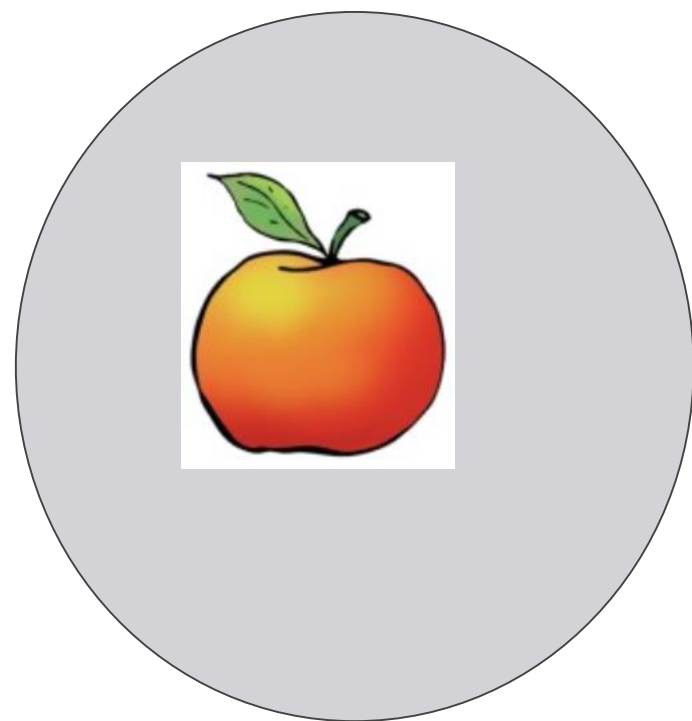
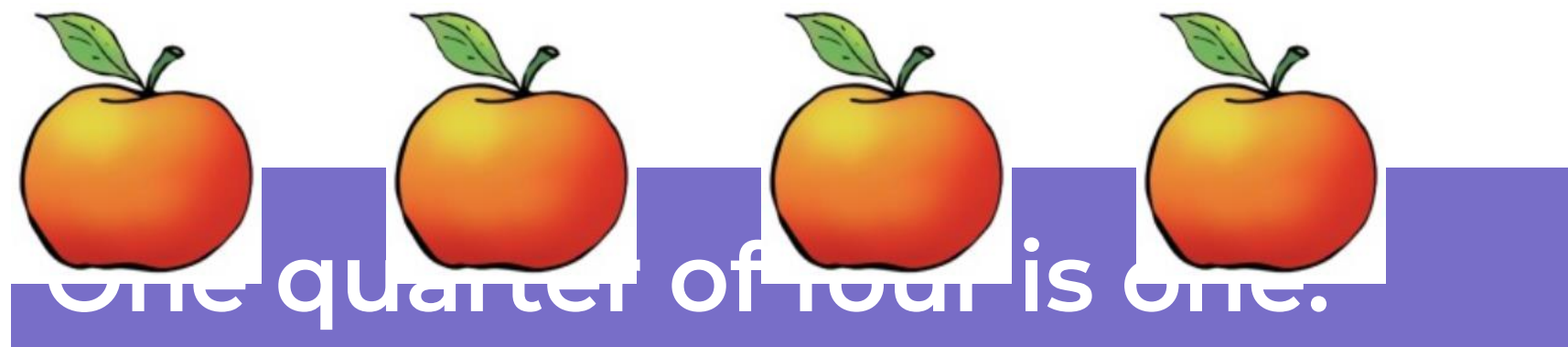
One quarter of eight is two.



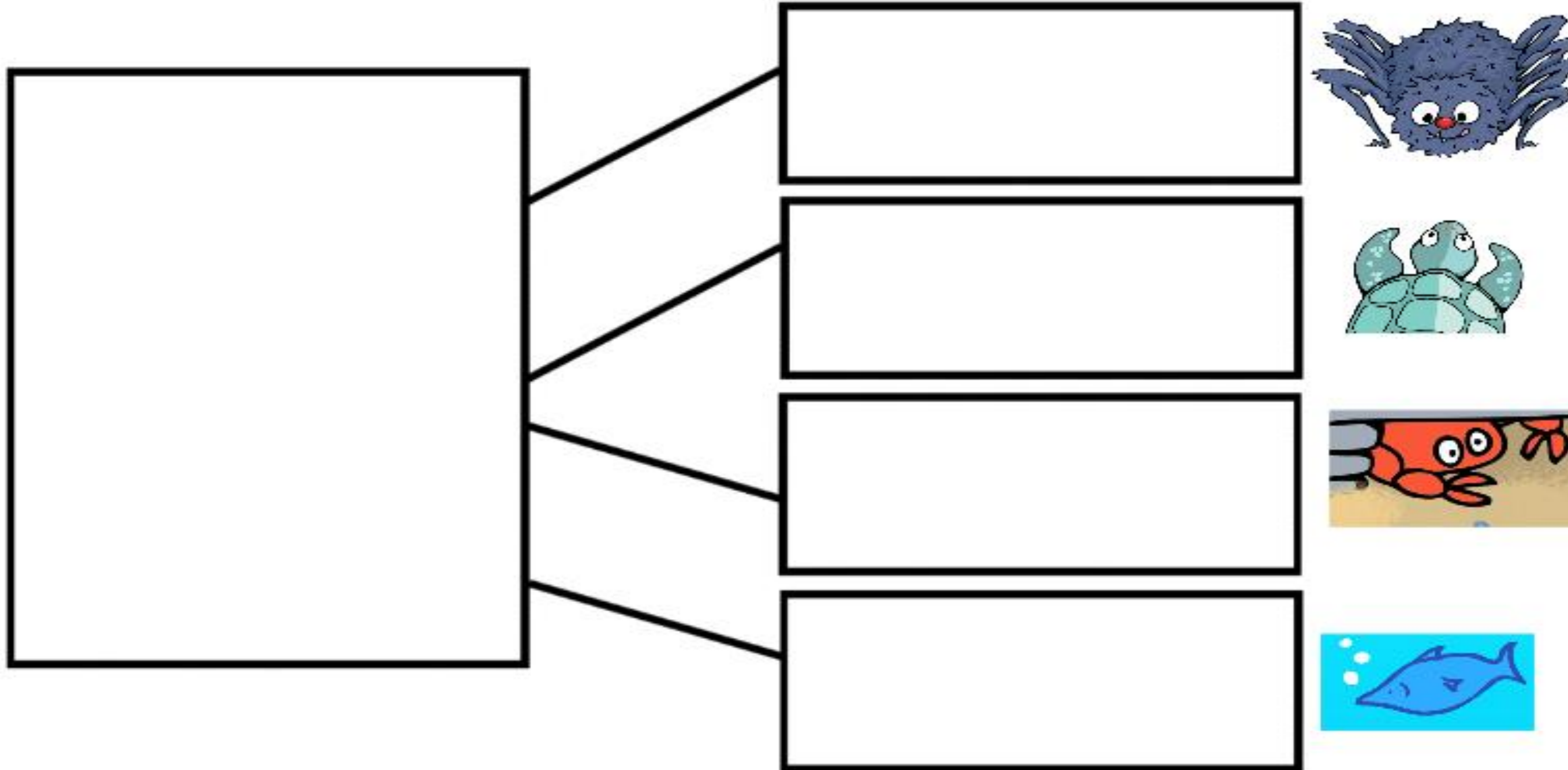
How many apples will each guest eat?



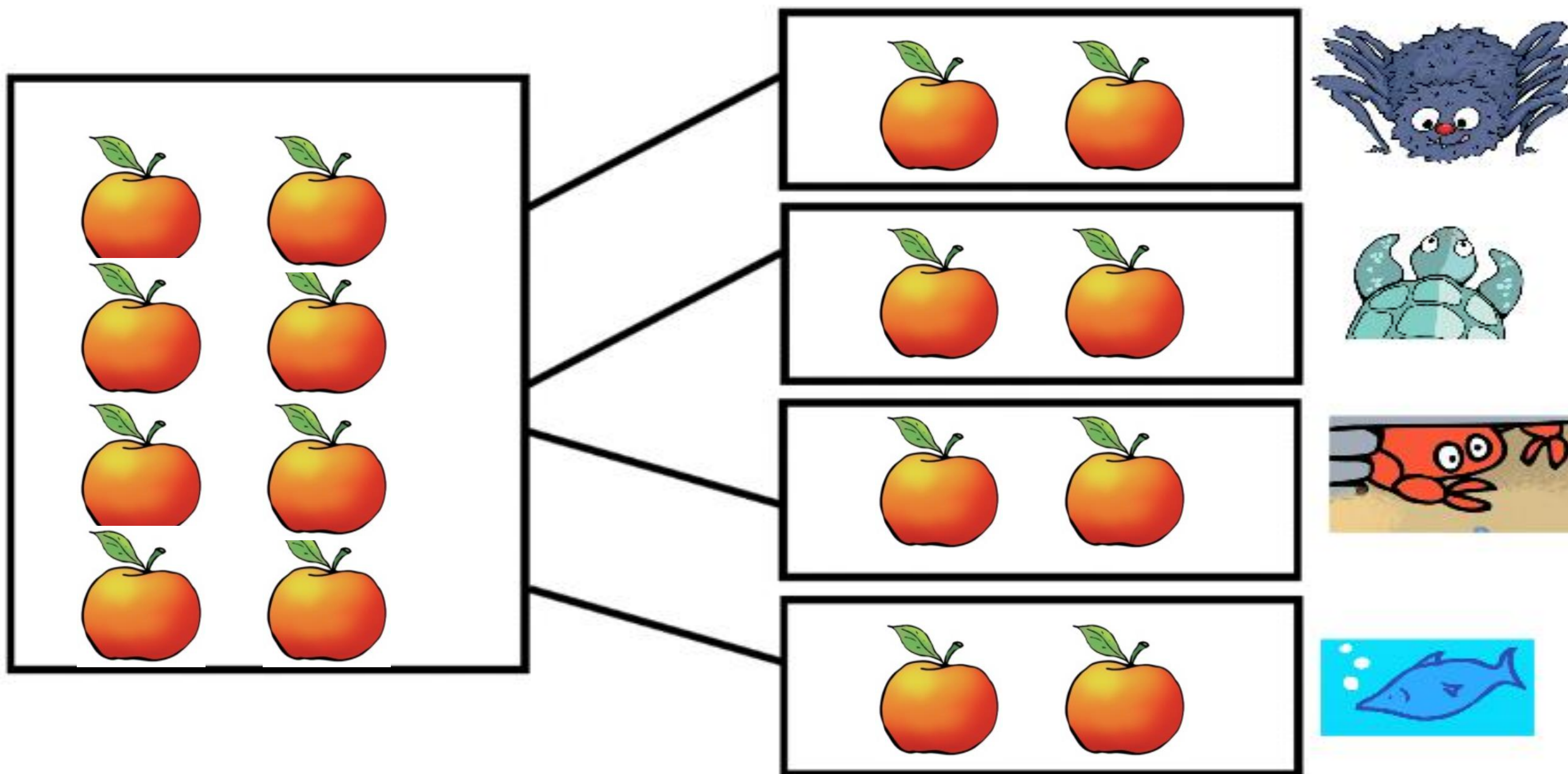
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How many cakes will each guest eat?



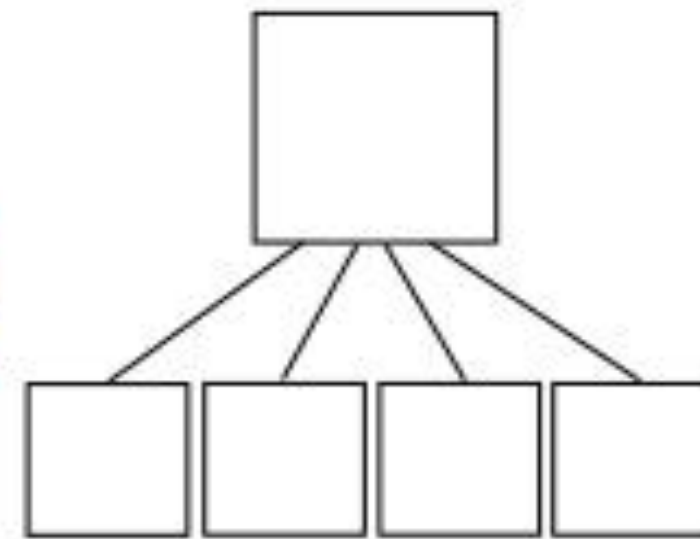
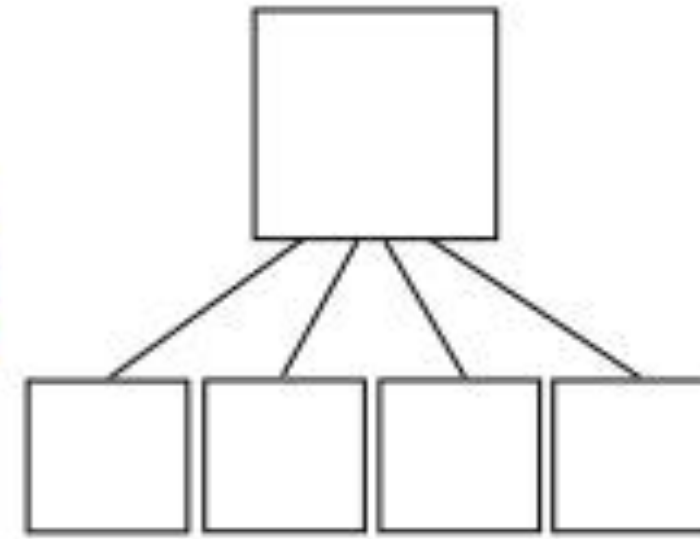
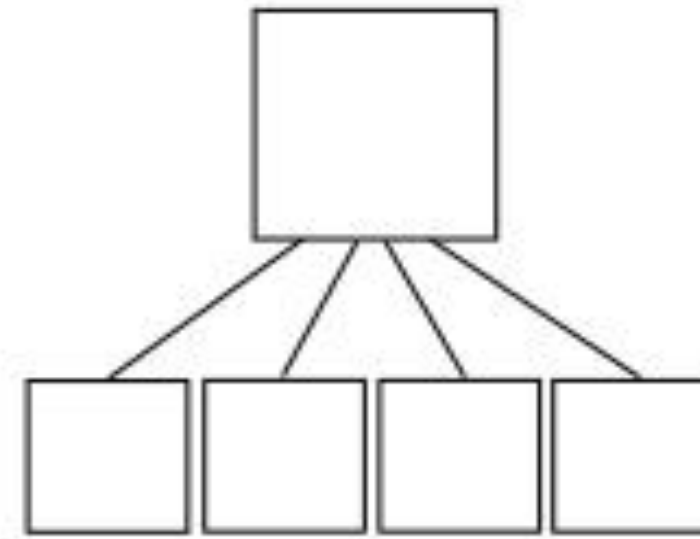
How many apples will each guest eat?



Independent Task

Sharing a feast between four guests.

How many food items will each guest get?



Challenge

What is one quarter of 12?



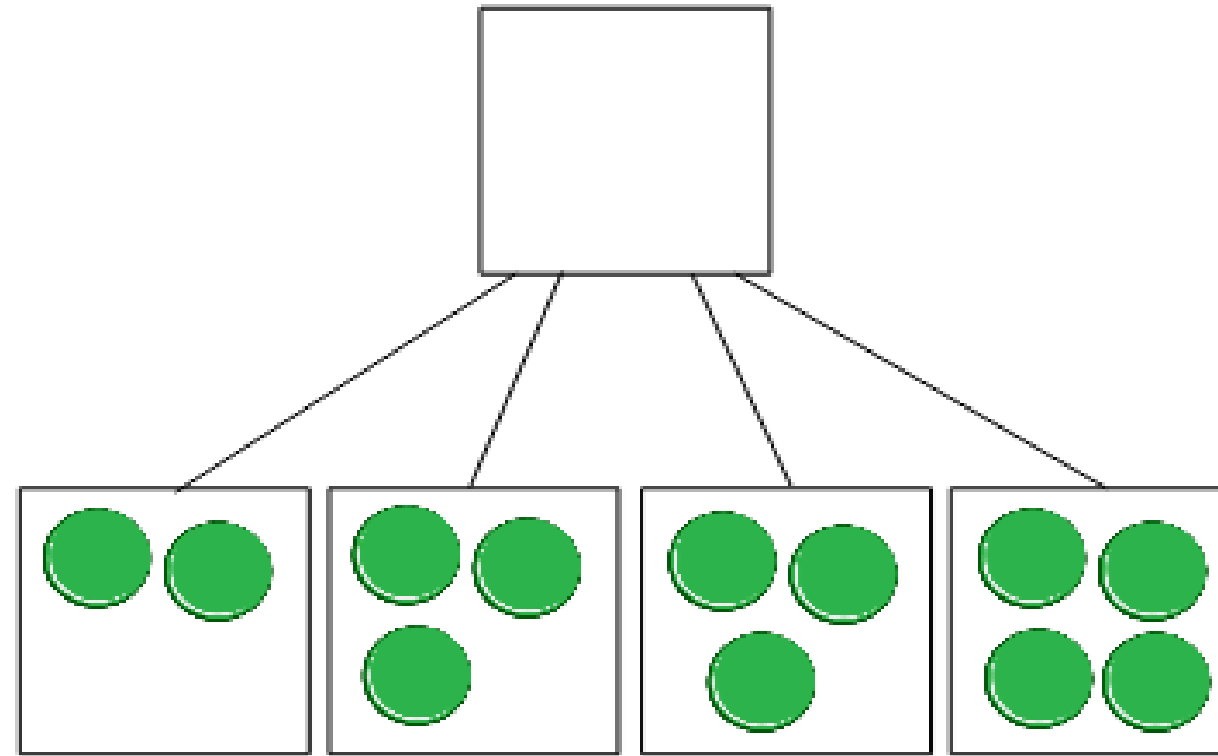
Tim

I think one quarter of 12 is two because the first part has two counters in.



Kelly

I don't think the part-whole model shows the answer because it shows four unequal parts.



I think one quarter of 12 is four because there are four parts in the part-whole model.

Laura



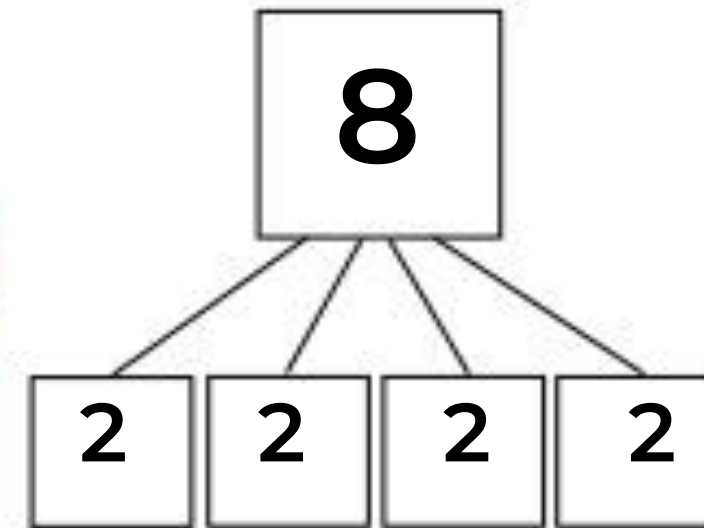
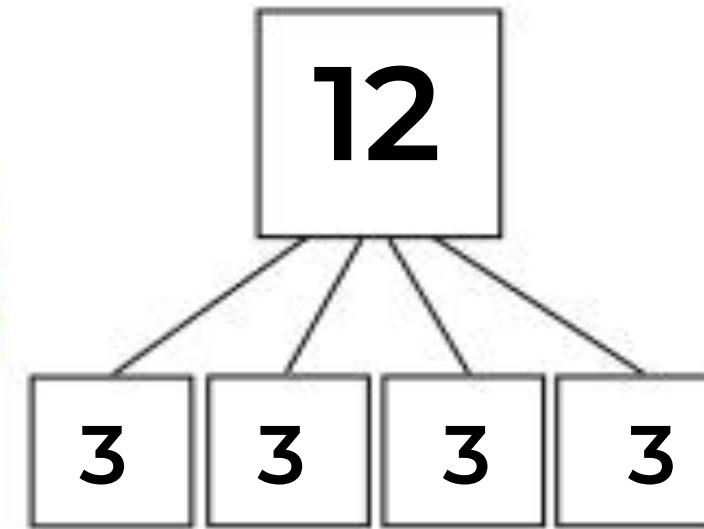
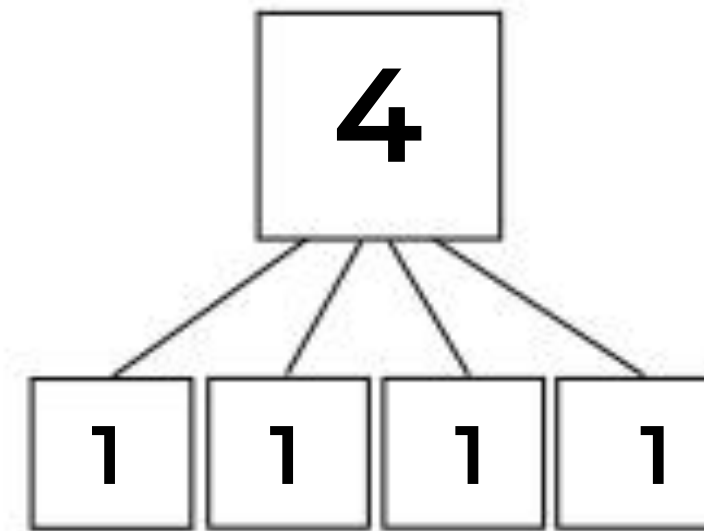
Who do you agree with?
Why?



Answers

Sharing a feast
between four
guests.

How many food
items will each
guest get?



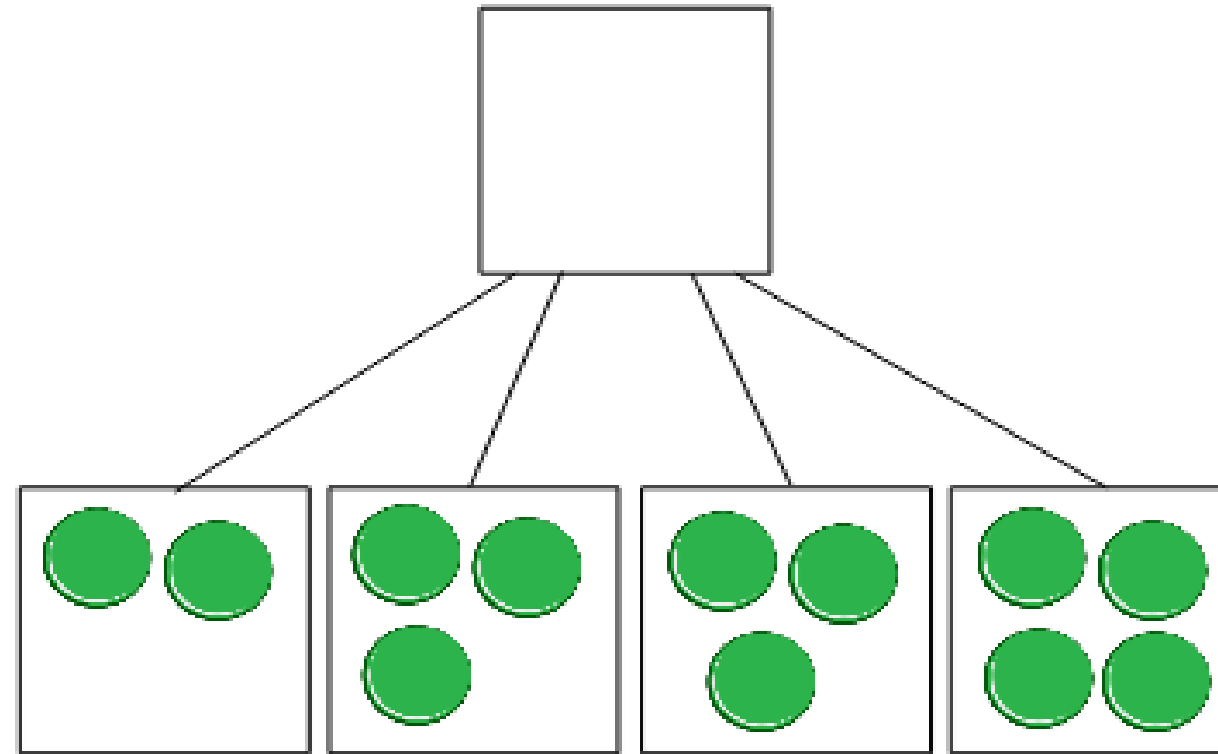
Challenge answers

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Laura



Who do you agree with?
Why?



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 incredible today at finding one quarter of a quantity.

