

Maths Tasks Week 8 - Thursday 14th May 2020

Brain teaser

Jack and the beanstalk

Jack climbed the beanstalk.
He always went upwards.

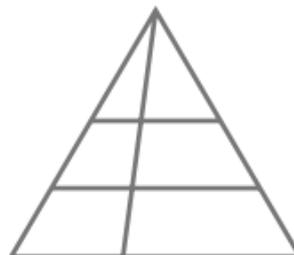


He first did it like this: left, right, left, right.

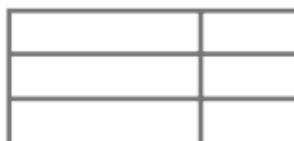
Find five other ways that Jack can climb the beanstalk.

Spot the shapes 1

1. How many triangles can you count?



2. How many rectangles can you count?



3. Draw your own diagram to count triangles.
How many can a friend find?
Can you find more?

Maths focus of the week: Fraction

Task 1: Hit the button times table practise

(Please note this will now be set as an indefinite maths task to support children to rapidly recall multiples of 2s, 5s and 10s in any given order. Knowing the 2, 5 and 10 times table is an end of year 1 expectation that all children should aim to meet)

Use the following link and practise your 2, 5 and 10 times table;

<https://www.topmarks.co.uk/maths-games/hit-the-button>



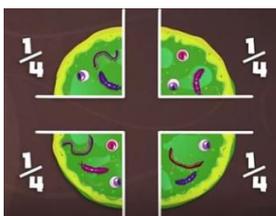
Task 2: What are fractions?

A fraction means a **part of something** or a number of parts of something. There are two parts to a fraction: The number on top shows how many parts there are. The number on the bottom shows how many parts something has been divided into.

$\frac{1}{2}$ means **1 part** of something that has been **divided into 2 parts**.



$\frac{1}{4}$ means **1 part of something** that has been **divided into 4 parts**. We call this a **quarter**.



<https://www.bbc.co.uk/bitesize/topics/z3rbg82/articles/zq2yfrd>

<https://www.bbc.co.uk/bitesize/topics/z9sycdm/articles/zhmjy9q>

Note for parents:

Please keep in mind that year 1 students are only introduced to half and quarters when it comes to fractions. Please refrain from introducing them to proper fraction, improper fraction and equivalent fractions and so on. I would like them to be absolutely secure in identifying halves and quarters before moving them on accordingly.

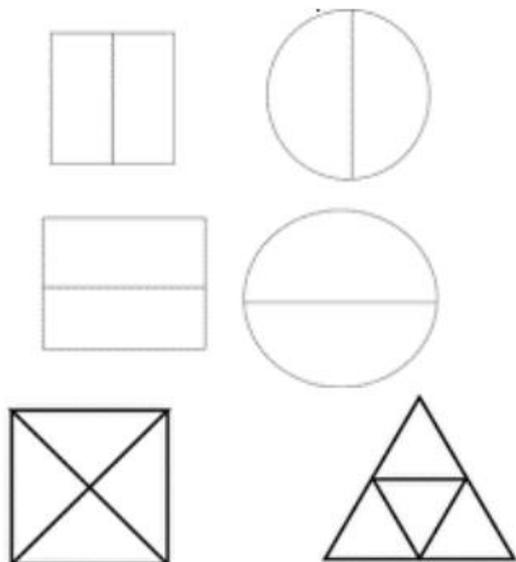
National curriculum objective for fraction year 1:

*Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.*

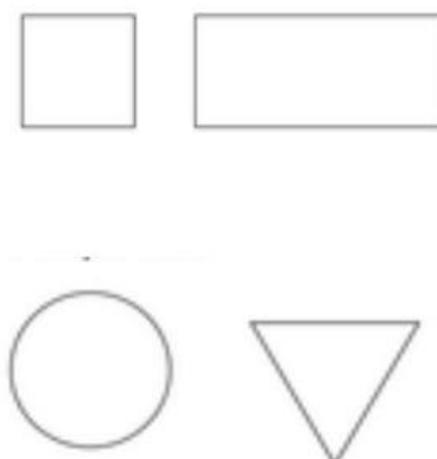
Task 3: Half of a shape

A half is when a whole is split into two equal (same) parts.

Shade in a half of these shapes.



Use a ruler to show half



You can draw these shapes into your book or get an adult to help you.

Half or not half interactive game:

<http://www.snappymaths.com/counting/fractions/interactive/halfornotimm/halfornotimm.htm>

Super challenge

Which circles have been split into equal halves?

