

Wednesday 1st April – Maths

Today we are going to try some fraction challenges.

Remember that you can always draw the shapes in your books.

1. True or False?



$\frac{1}{3}$ of the shape is shaded.

False as there are four parts

2.

Alex says,

I have shaded $\frac{2}{2}$
of the shape.

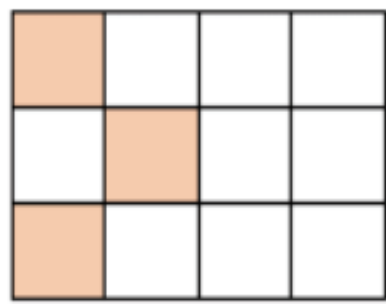


What mistake might Alex have made?

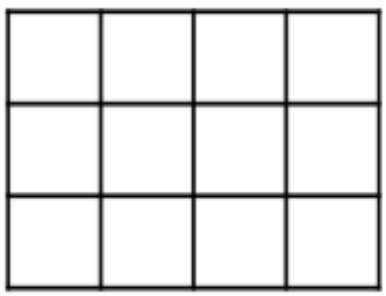
It would be $\frac{2}{4}$ shaded

3. True or False?

This shows $\frac{1}{4}$



Can you shade the same shape so that it shows $\frac{1}{3}$?



Answer

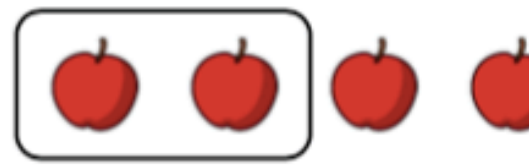
True.
There are 12 squares altogether and 3 are shaded.
One quarter of 12 is 3

Any 4 squares shaded.

4. Odd One Out



$\frac{1}{2}$



One half

Which is the odd one out?
Explain your answer.

Answer

Children need to link their explanation to the shape not having two equal parts.



Challenge Question

5. Annie has a piece of ribbon.



She cuts it into three equal parts.

One third of the ribbon is 6 cm long.

How long would half the ribbon be?

Answer

Half the ribbon would be 9cm.
($6 \times 3 = 18\text{cm}$
Half of $18 = 9\text{cm}$)

A bar model would be a particularly useful pictorial representation of this question.