

Recognise a quarter



Problem solving and reasoning cards:



To show one quarter I will shade less than 4 triangles.

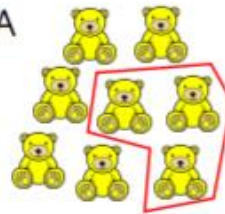


Is Jess correct? Explain how you know.

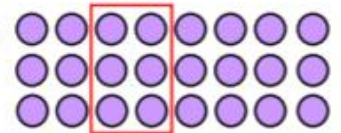
Colour the picture to show one quarter.

Each picture represents one quarter. Spot the mistake. Explain your answer.

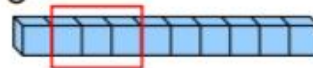
A



B



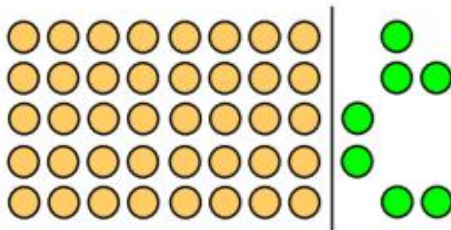
C



D



How many green dots will need to be added to represent $\frac{1}{4}$ of the orange dots?



Explain how you know.

Show this by drawing the dots.



If a shape has been split into 20 parts. I would need to shade 4 to show $\frac{1}{4}$.

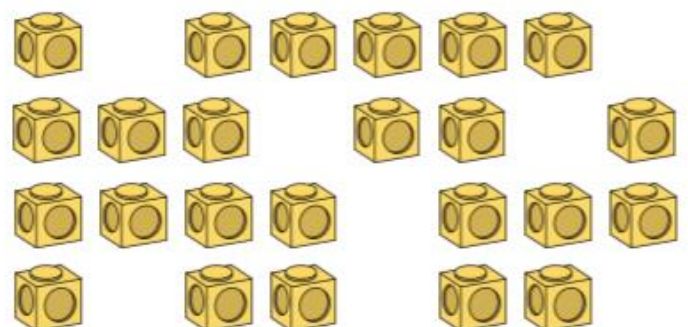
Is Kat correct? Explain your answer. Show this on a diagram.

Jess, Matt and Che run a race.
Jess is half way through.
Matt is a quarter way through.
Che is more than half way through.
Show where each child could be on the line.

Start

Finish

How many cubes need to be circled to represent one quarter?



Show this.