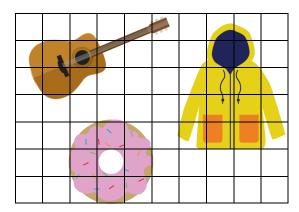


YR5 PROGRESSION IN MASTERY LESSON PACK - AREA OF IRREGULAR SHAPES

FLUENCY 1

Each square is 1cm². Estimate the area of each object.

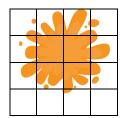


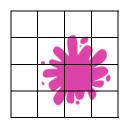
There are ____ whole squares. There are ____ part squares.

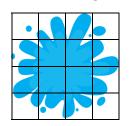
The _____ is approximately ____cm².

FLUENCY 2

Each of the squares is 1cm². Estimate the area of each splatter then order them from smallest to largest.



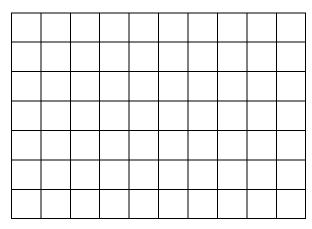




FLUENCY 3

Each square is 1cm².

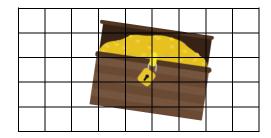
Draw a shape with an area of 23.5cm².



FLUENCY 4

Each square is 4cm².

What is the area of the treasure chest?





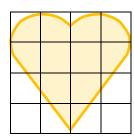
© Copyright Deepening Understanding LTD 2019

EASONING TASK

YR5 PROGRESSION IN MASTERY LESSON PACK - AREA OF IRREGULAR SHAPES

REASONING 1

Each square on Darcey's grid is 1cm².

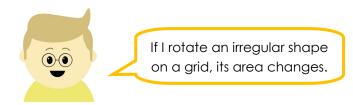




Is Darcey's statement accurate? Explain why.

REASONING 2

Alfie has been learning to find the area of shapes.

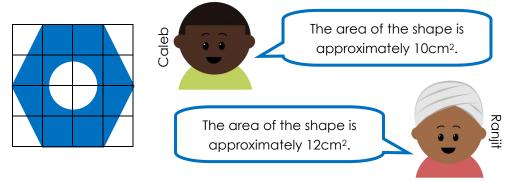


Do you agree with Alfie? Explain your reasoning!

REASONING 3

Ranjit and Caleb have estimated the area of this shape.

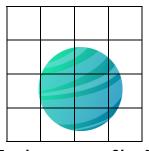
Each square is 1cm².



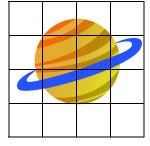
Who is correct? Convince me.

REASONING 4

Which planet has a larger area? Explain why.







Each square = $4m^2$







YR5 PROGRESSION IN MASTERY LESSON PACK - AREA OF IRREGULAR SHAPES

PROBLEM SOLVING 1

Construct your own theme park on the grid.

Each square represents 4m².

The theme park must contain the following features and be of the given measure:

A roller coaster with a total area of 18m²

Three forests with a total area of 27m²

River rapids with a total area of 19m²

A picnic area with a total area of 12m²

Two more features of your choice.



