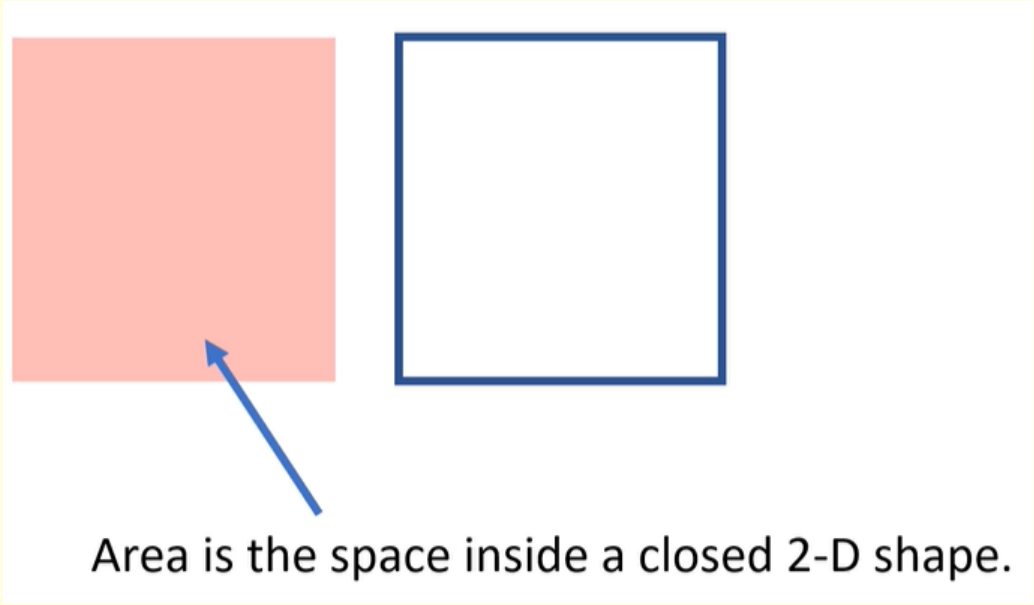
Daily Review:

When would I need to know **area**?

a) building a garden fence?

b) figuring out how much seed I need to plant my garden?

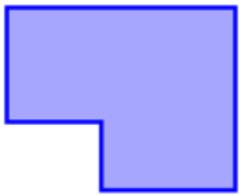
c) measuring my run around the playfield?


Area is the space inside a closed 2-D shape.

This week we are looking at **rectilinear shapes**...
A rectilinear shape is a shape that has straight sides, right angles and is continuous. It can look like **two rectangles** that have been joined together.

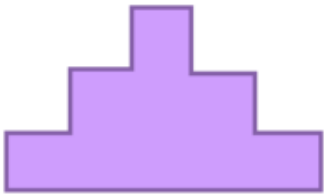
Which is NOT a rectilinear shape? Why?

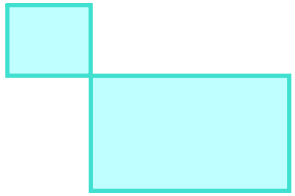
a.

b. 

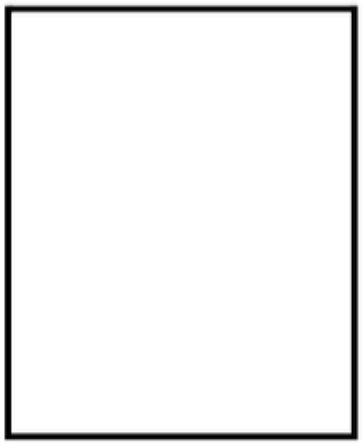
c.

d.

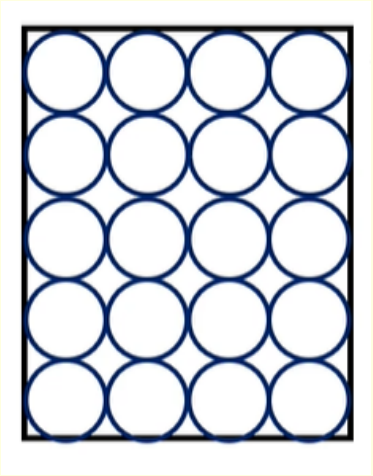
e. 

f. 

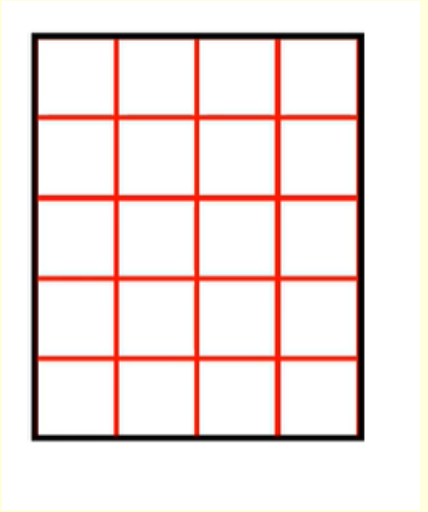
- straight sides
- right angles
- continuous



Which shape would be the best to fill the rectangle?
Why?



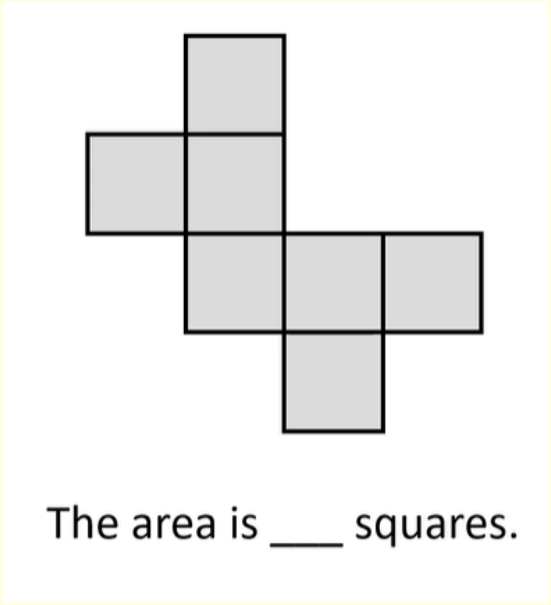
Area = 20 circles



Area = 20 rectangles

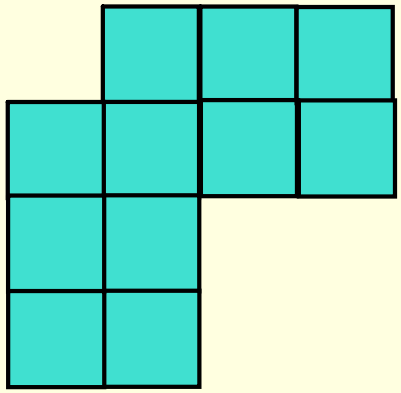
I do.

To find the area, we count the squares.



We do.

What can we do to find the area of *this* rectilinear shape?

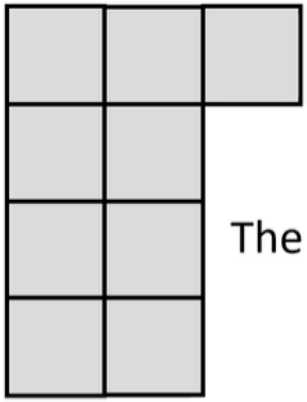


The area is ___ squares.

You do.

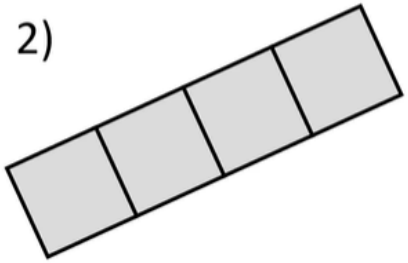
What are the areas of *these* rectilinear shapes?

1)



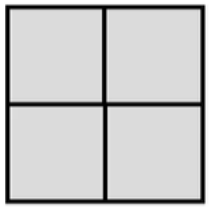
The area is __ squares.

2)



The area is __ squares.

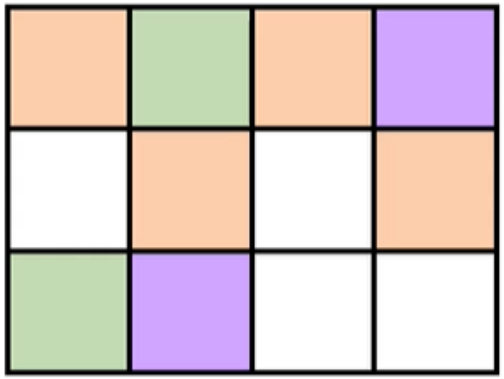
3)



The area is __ squares.

You do.

What is the area of each coloured square?



The green area is __ squares.

The orange area is __ squares.

The purple area is __ squares.

The white area is __ squares.

The total area is __ squares.

You do.

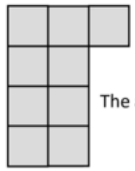
Task sheet 1 or 2

Date: 16.3.22

LO: Counting Squares

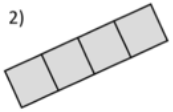
TASK: Count the squares to find the area of the rectilinear shapes.

1)



The area is __ squares.

2)



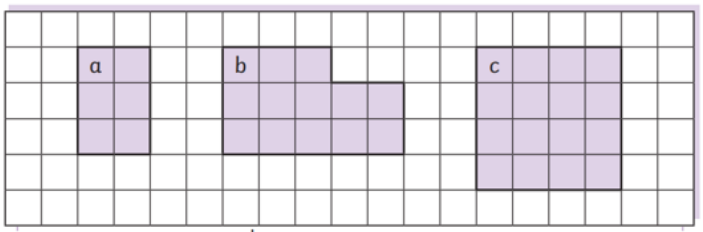
The area is __ squares.

3)

The area is __ squares.

4)

Number the small squares to calculate the area of the shapes.



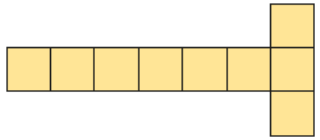
a. area = _____ squares

b. area = _____ squares

c. area = _____ squares

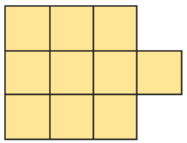
1 Count the squares in each shape to find the area.

A

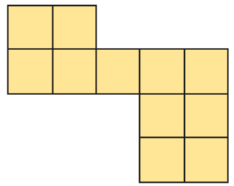


The area is ☐ squares.

B



C

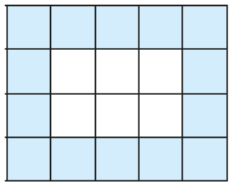


The area is ☐ squares.

The area is ☐ squares.

Which shape has the greatest area? _____

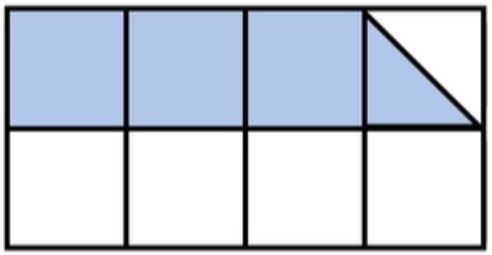
2 What is the area of the shaded part of the shape?



The area is ☐ squares.

I do.

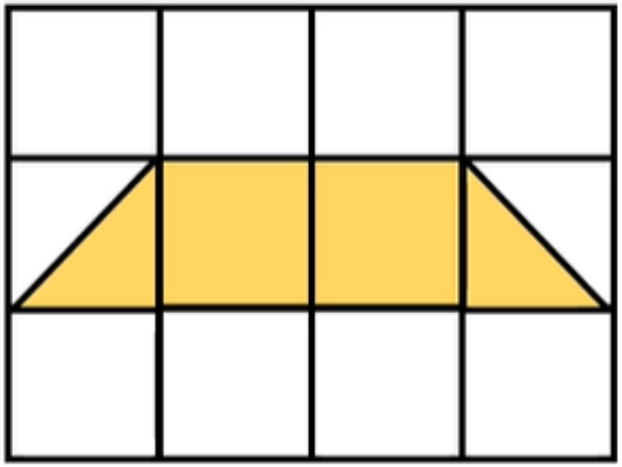
How can we find the area of this shape?



The area is ____ squares.

We do.

How can we find the area of this shape?



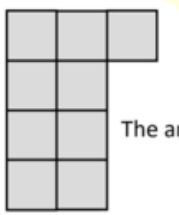
The area is _ _ squares.

You do.

How can we find the area of this shape?

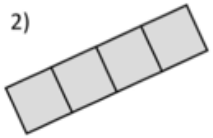
The area is _ _ squares.

1)



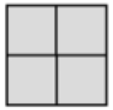
The area is __ squares.

2)



The area is __ squares.

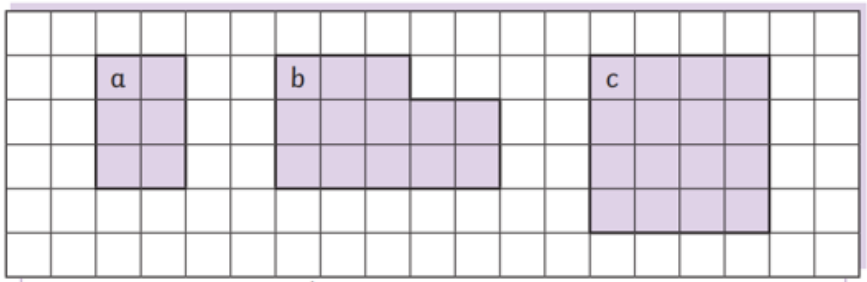
3)



The area is __ squares.

4)

Number the small squares to calculate the area of the shapes.

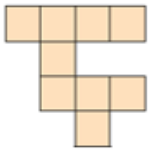


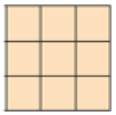
a. area = _____ squares

b. area = _____ squares

c. area = _____ squares

5) Do these two shapes have the same area? Explain how you know:

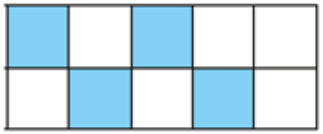




The two shapes are the SAME/DIFFERENT size because...

Challenge

Here is a kitchen tile.



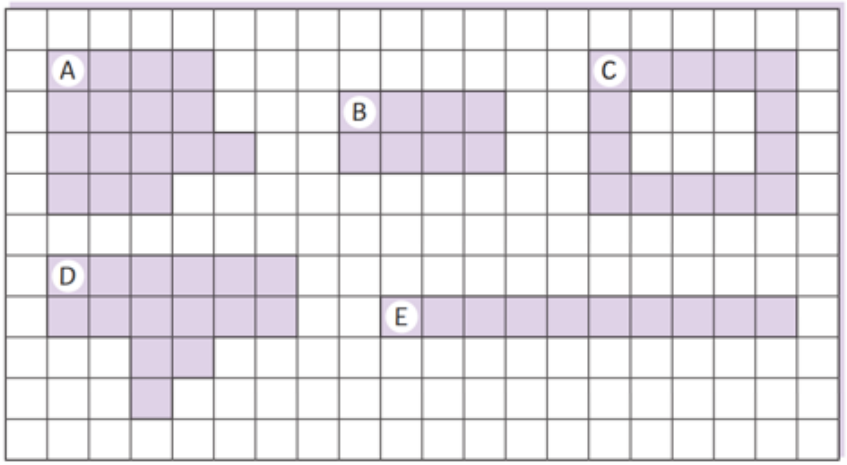
a) What area of the tile is blue? ☐ squares

b) What area of the tile is white? ☐ squares

c) What is the total area of the tile? ☐ squares

Challenge

Order these shapes from **greatest** area to **smallest** area.



greatest smallest

Attachments

Slides.pptx