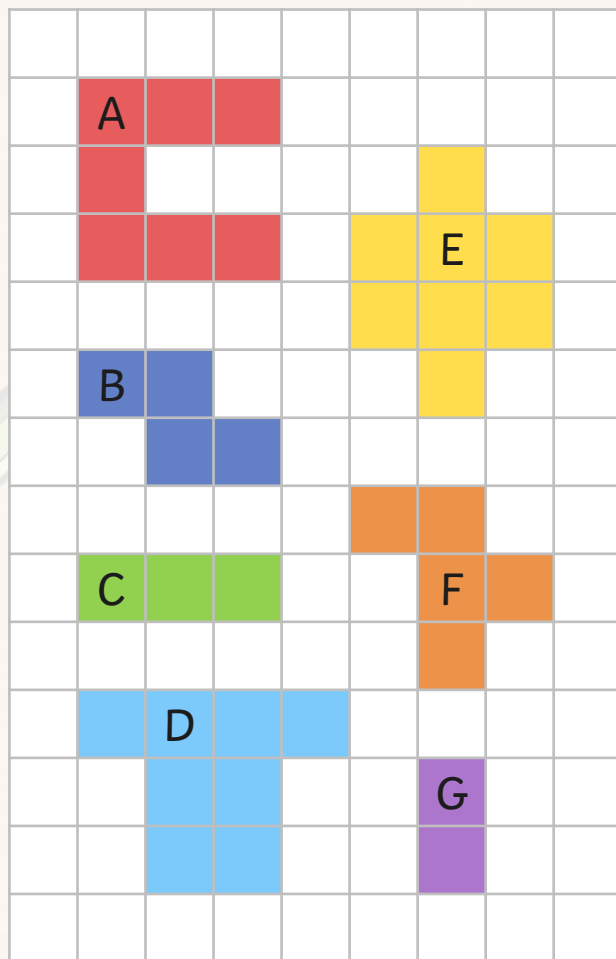




# Comparing Area

## Comparing Area

## Diving

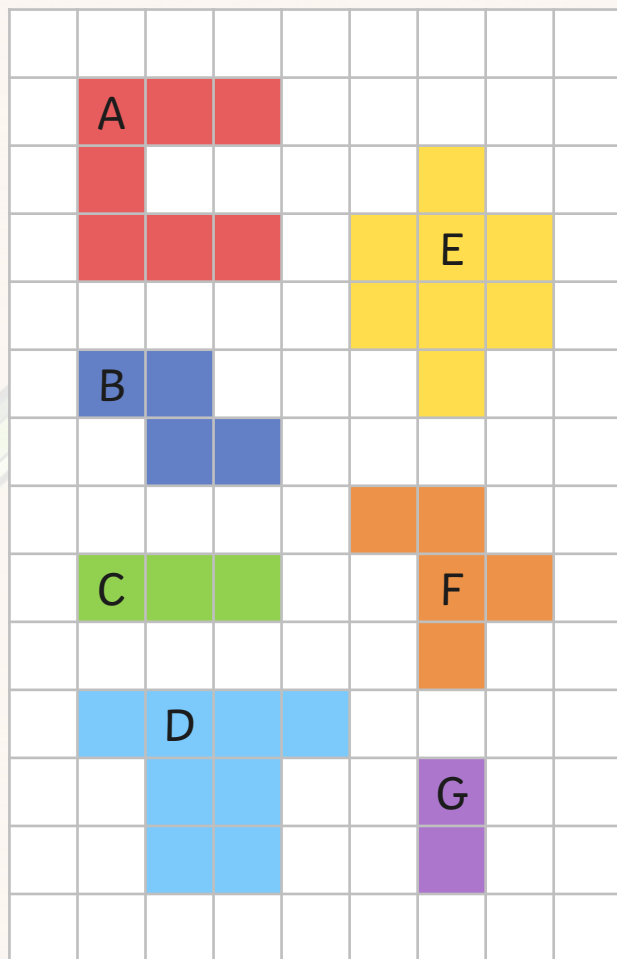


Sort the shapes into the correct column of the table.

Shapes with an Area <b>Greater</b> Than 6 Squares	Shapes with an Area <b>Less</b> Than 6 Squares

## Comparing Area

## Diving



Sort the shapes into the correct column of the table.

Shapes with an Area <b>Greater</b> Than 6 Squares	Shapes with an Area <b>Less</b> Than 6 Squares
<p>A</p> <p>D</p> <p>E</p>	<p>B</p> <p>C</p> <p>F</p> <p>G</p>



Complete the table. Use the squares to calculate the area of each shape. Compare the areas of the shapes using  $>$ ,  $<$  or  $=$ .

Shape 1	Compare Area $>$ , $<$ or $=$	Shape 2



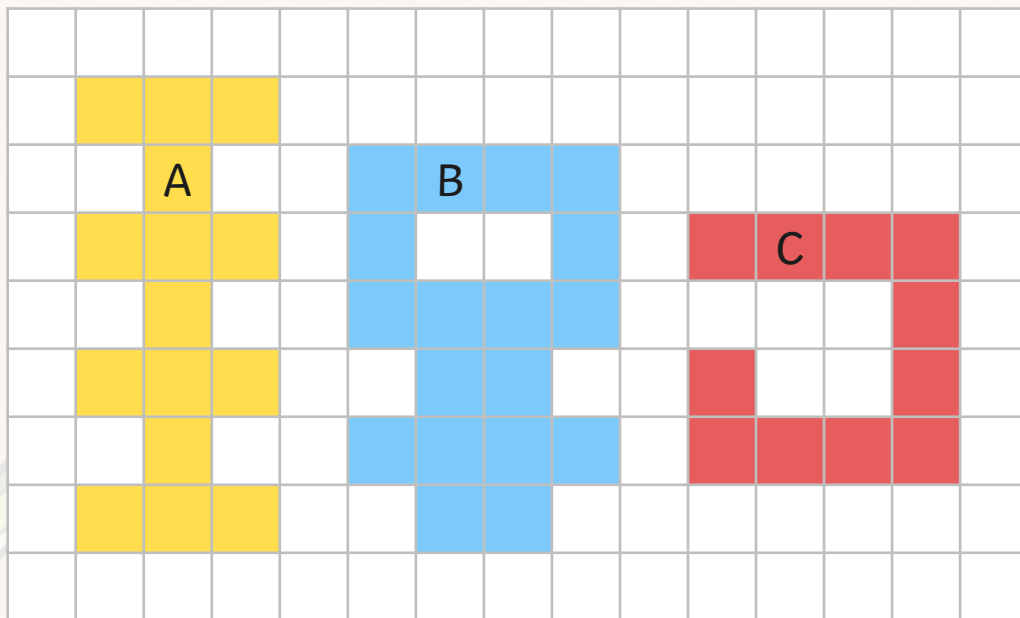


Complete the table. Use the squares to calculate the area of each shape. Compare the areas of the shapes using  $>$ ,  $<$  or  $=$ .

Shape 1	Compare Area $>$ , $<$ or $=$	Shape 2
	$>$	
11	$>$	10

## Comparing Area

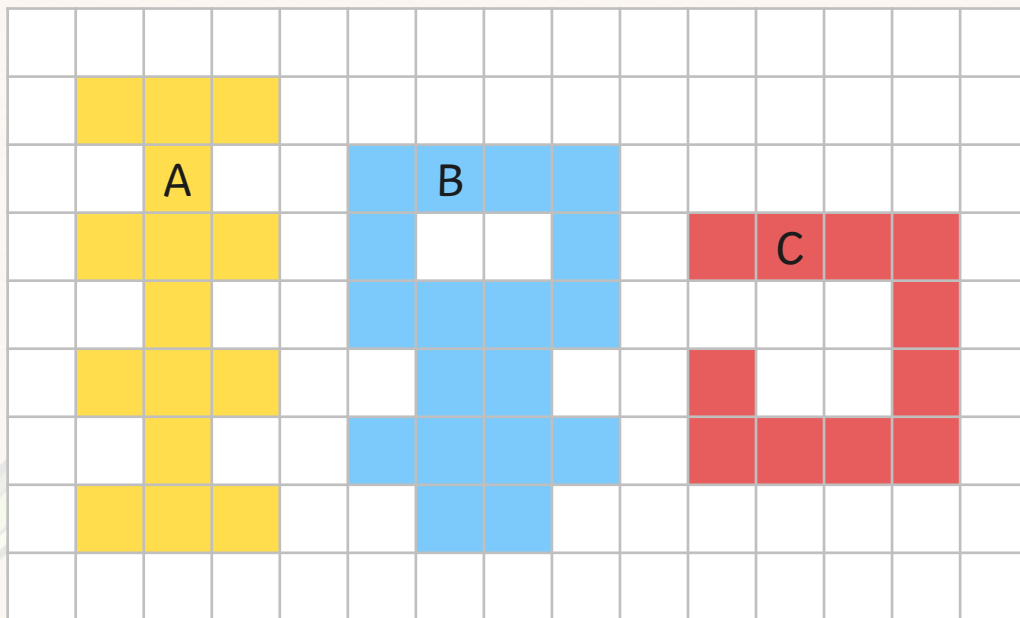
## Diving



Order these shapes from the shape with the smallest area to the shape with the largest area.

## Comparing Area

## Diving

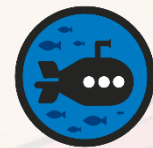


Order these shapes from the shape with the smallest area to the shape with the largest area.

C, A, B

## Comparing Area

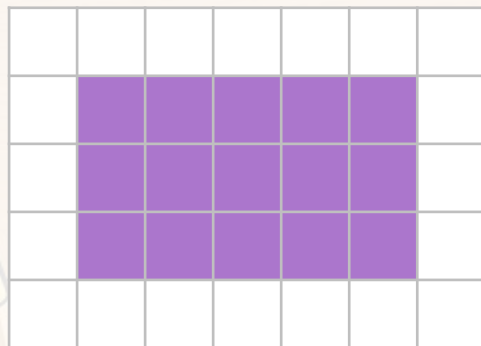
## Deeper



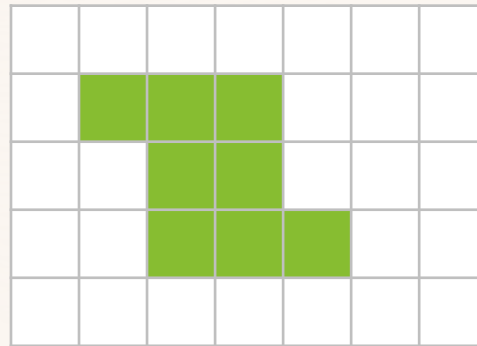
Josie and Lyle are having a disagreement over the area of their shapes. Read their statements. Who is correct? Explain why.



The area of my shape is double the area of Lyle's shape.



The area of my shape is less than the area of Josie's shape.





## Comparing Area

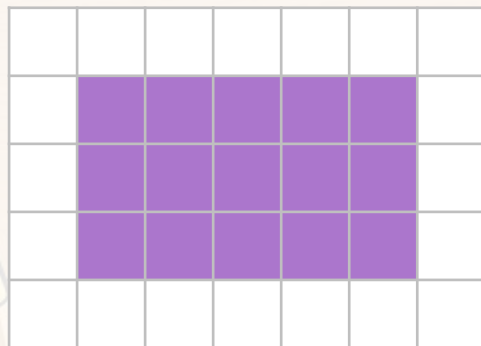
## Deeper



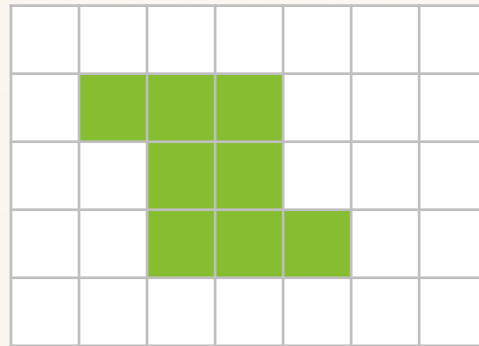
Josie and Lyle are having a disagreement over the area of their shapes. Read their statements. Who is correct? Explain why.



The area of my shape is double the area of Lyle's shape.



The area of my shape is less than the area of Josie's shape.



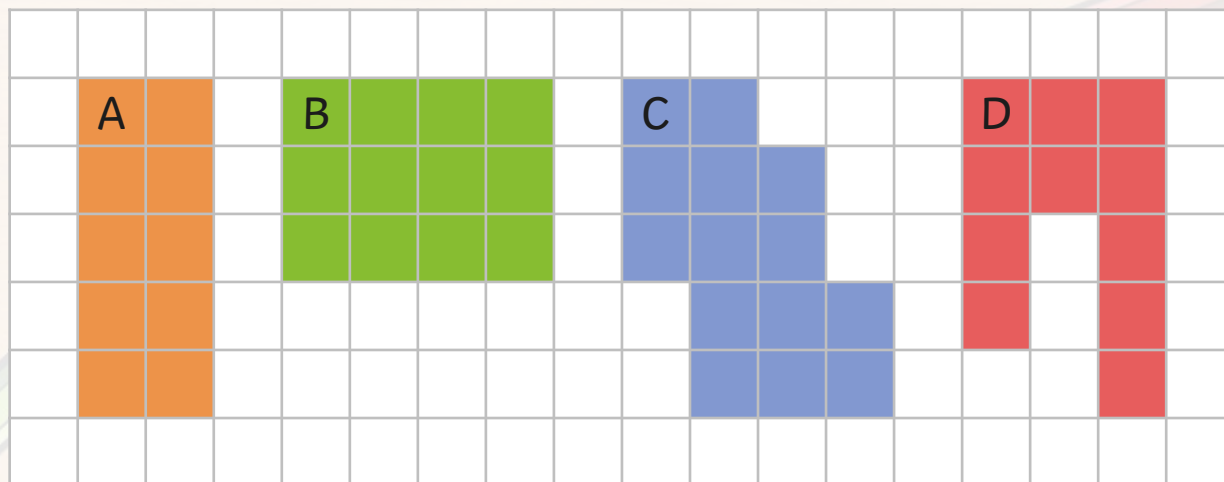
Lyle is correct: his shape has an area of 8 squares and Josie's has an area of 15. Lyle's shape has an area of 8 and double 8 makes 16. Josie's shape only has an area of 15, not 16, which makes her incorrect.

## Comparing Area

## Deepest



Complete the table by matching each child's description of the area of their shape to the correct shape.



Child	Area	Shape
Luke		
Una		
Ned		
Lila		

The area of my shape is even.

Luke

The area of my shape is less than 12.

Una

The area of my shape has a digit sum of 5.

Ned

The area of my shape is double 5.

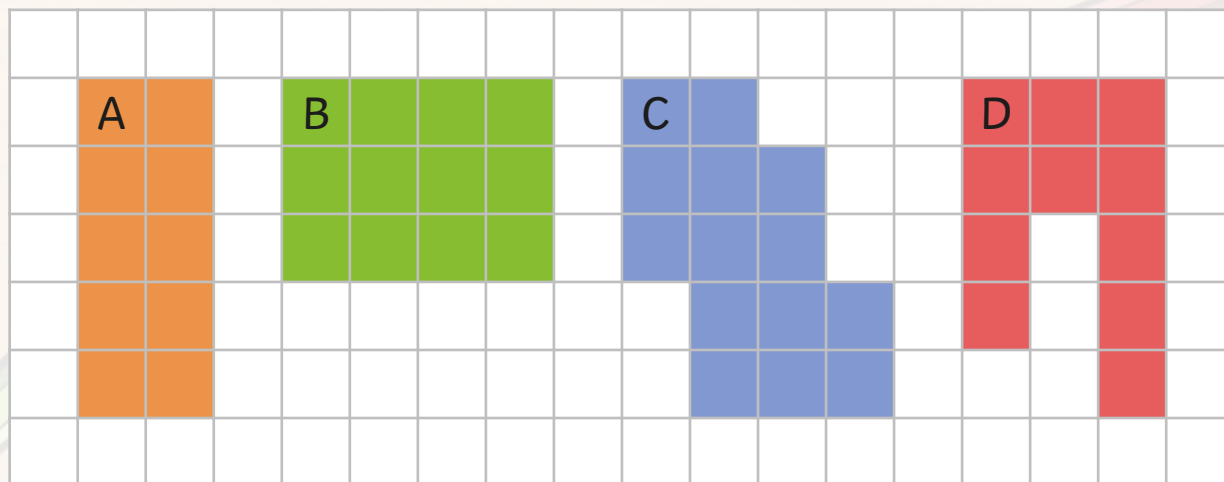
Lila

## Comparing Area

## Deepest



Complete the table by matching each child's description of the area of their shape to the correct shape.



Child	Area	Shape
Luke	12	B
Una	11	D
Ned	14	C
Lila	10	A

The area of my shape is even.

Luke

The area of my shape is less than 12.

Una

The area of my shape has a digit sum of 5.

Ned

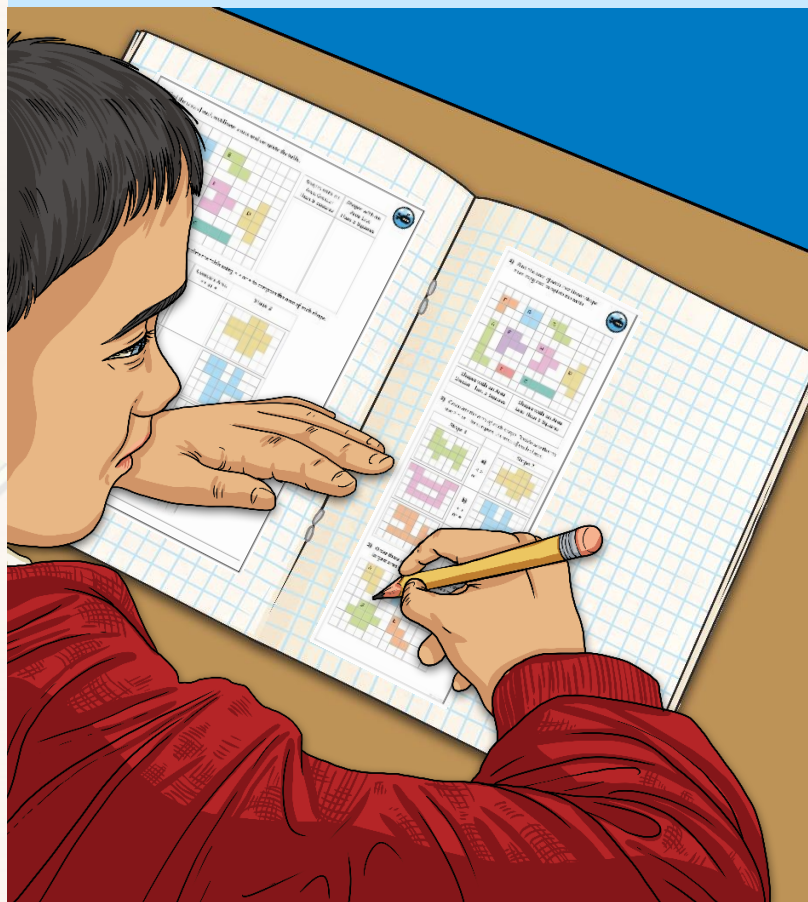
The area of my shape is double 5.

Lila



# Comparing Area

Dive in by completing your own activity!



1) Which is the odd one out? Explain your reasoning.

2) Gavin has been asked to order the shapes by area. He has marked his answer: wrong and right.

3) Kylie and Marcel are having a competition to see who can make the largest shape. Explain your reasoning.

1) Find the area of each rectilinear shape and complete the table.

Shapes with an Area Greater Than 5 Squares	Shapes with an Area Less Than 5 Squares

2) Calculate the area of each shape. Complete the table using  $>$ ,  $<$  or  $=$  to compare the area of each shape.

Shape 1	Compare Area $>$ , $<$ or $=$	Shape 2
a)		
b)		
c)		

3) Order these shapes starting with the shape with the largest area to the shape with the smallest area.