



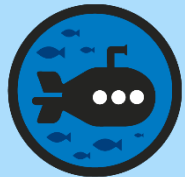
Comparing Area

Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:



Diving



Deeper



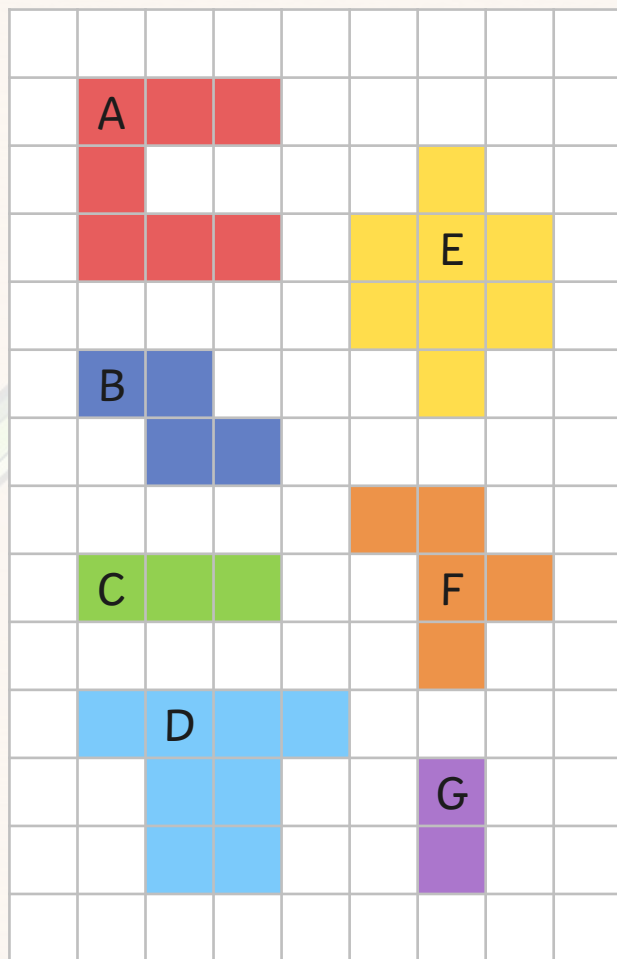
Deepest

These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

Comparing Area

Diving



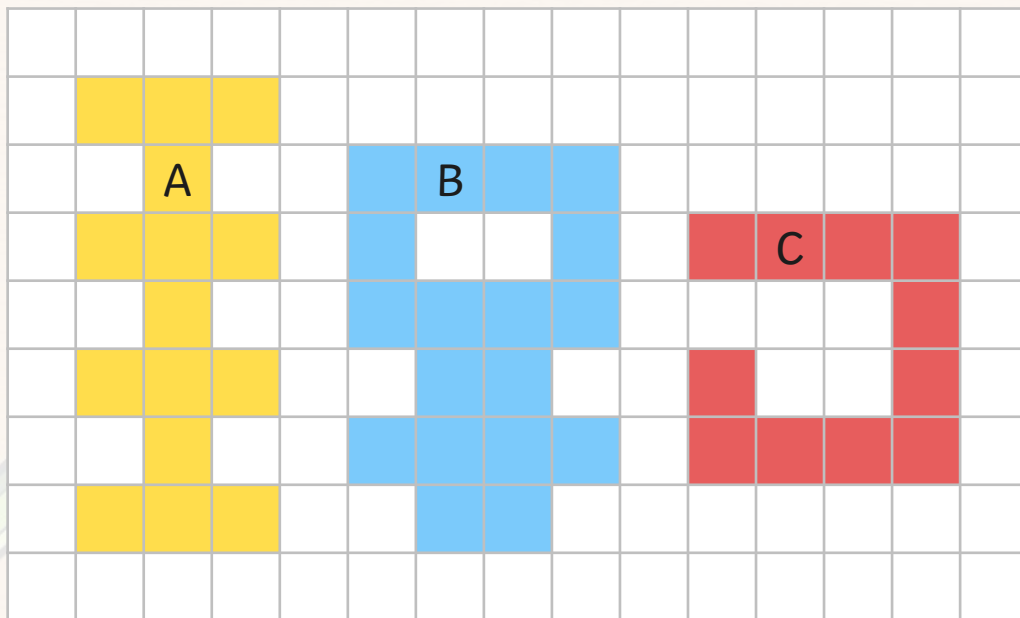
Sort the shapes into the correct column of the table.

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

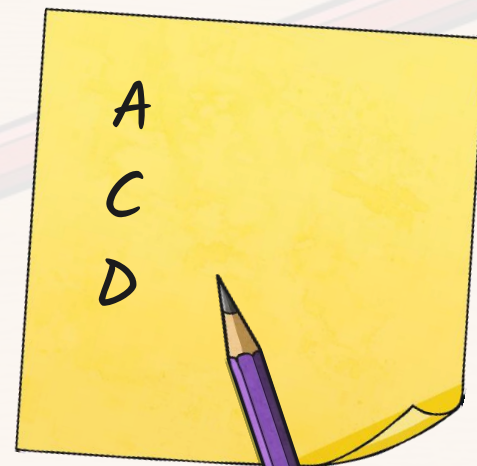
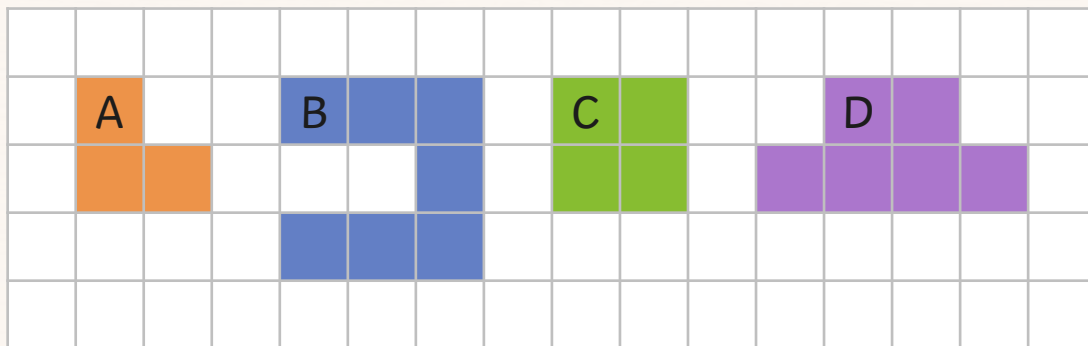


Complete the table. Use the squares to calculate the area of each shape. Compare the areas of the shapes using $>$, $<$ or $=$.

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



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



Jessica has been asked to order the shapes from the shape with the smallest area to the shape with the largest area.

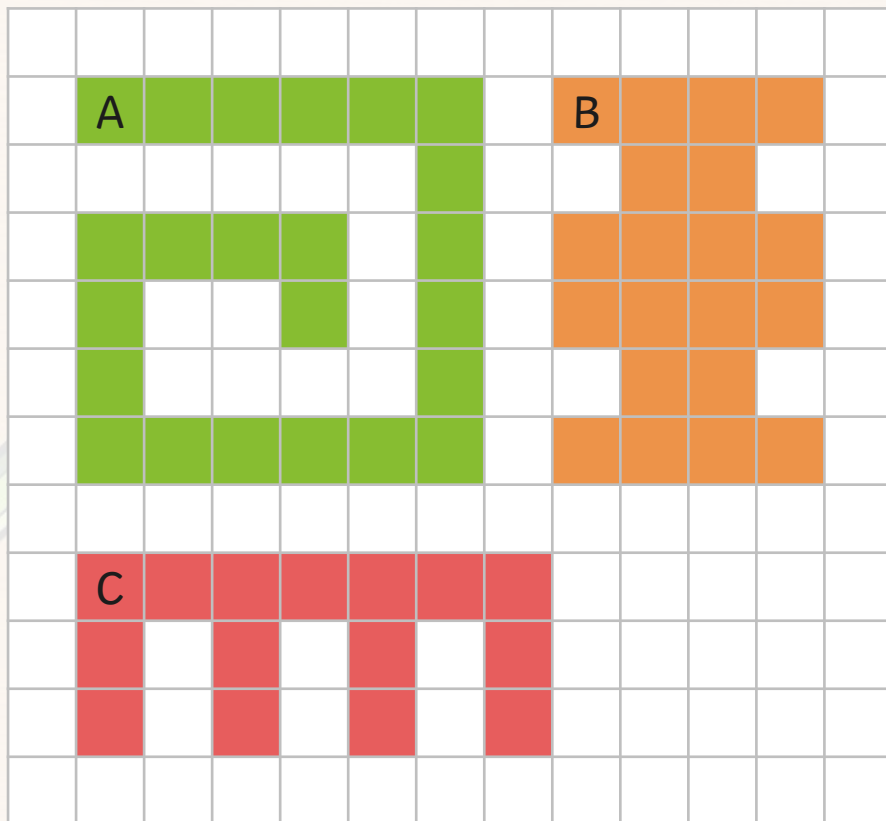
She has got confused.
Explain her mistake.

Comparing Area

Deeper



Which one is the odd one out? Explain why.



TIP: There is more than one possible answer.

Comparing Area

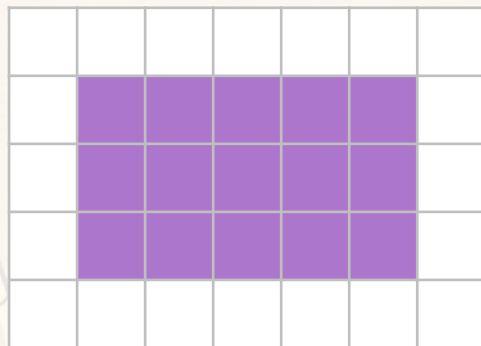
Deeper



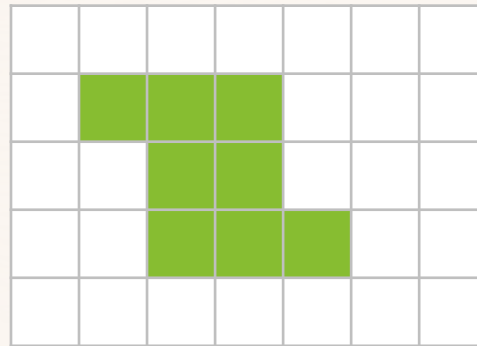
Josie and Lyle are having a disagreement over the area of their shapes. Read their statements. Who is correct? Explain why.



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.

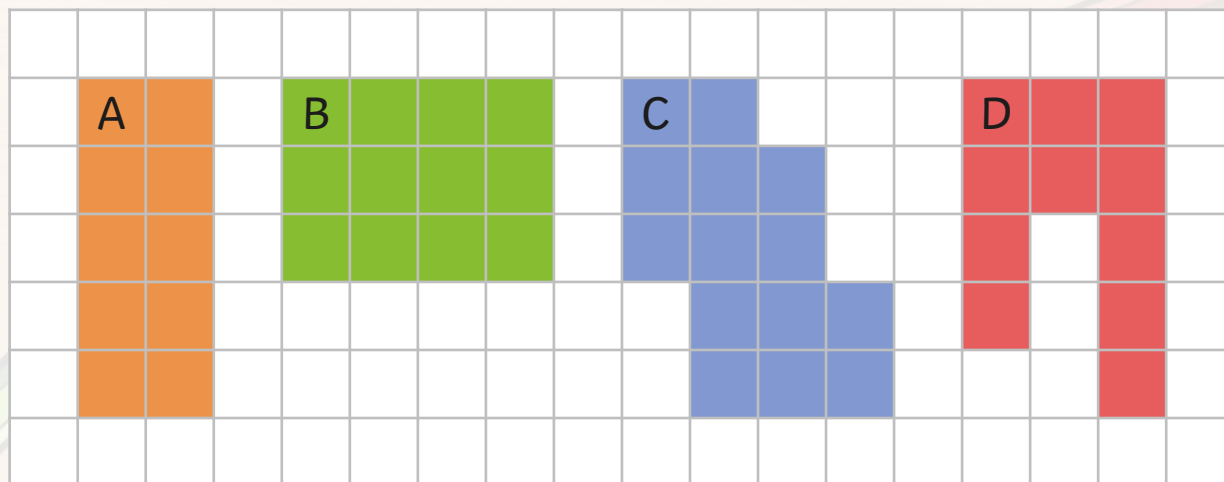


Comparing Area

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

Your task



Ch.1



Ch.2



Ch.3