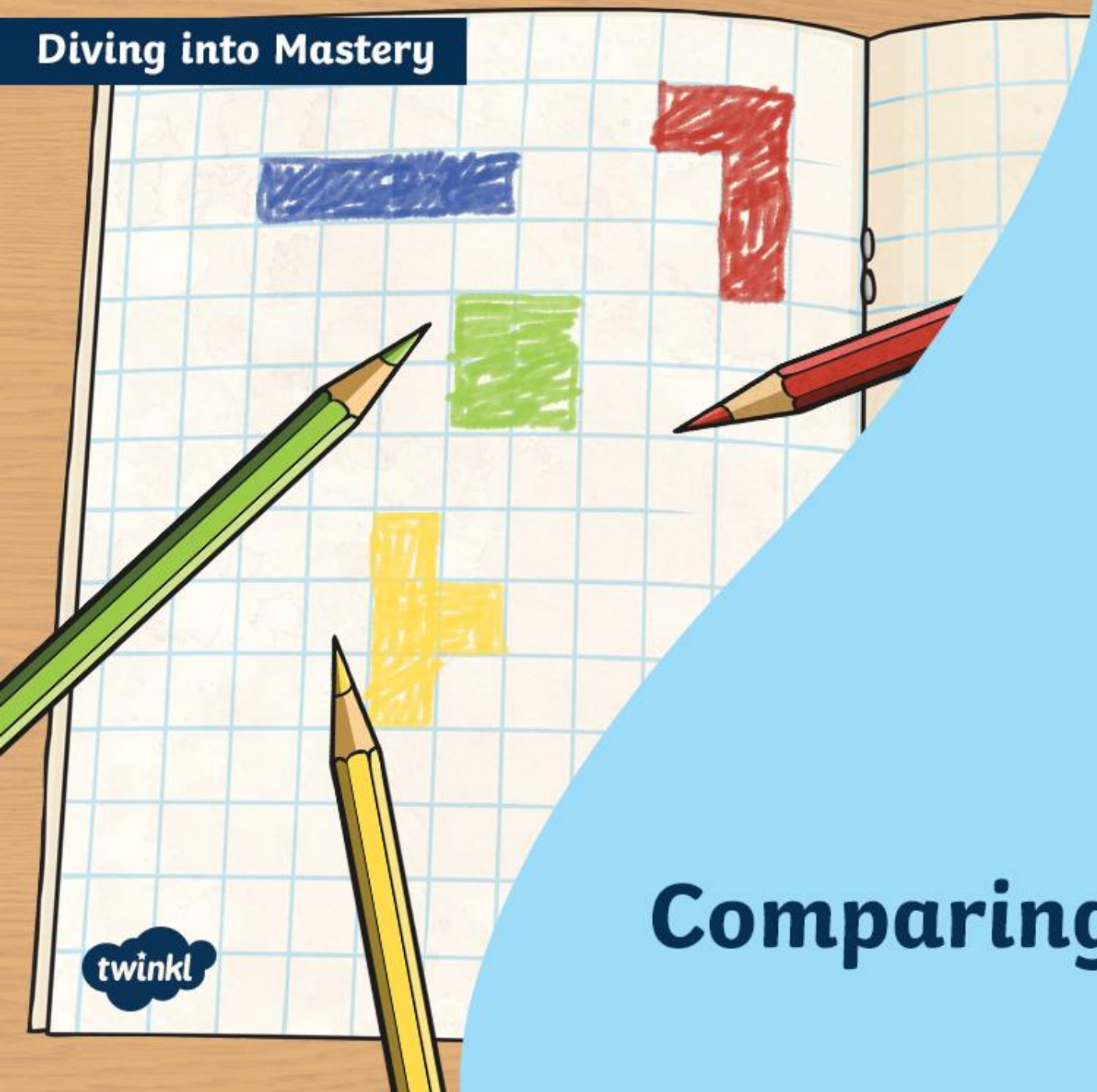
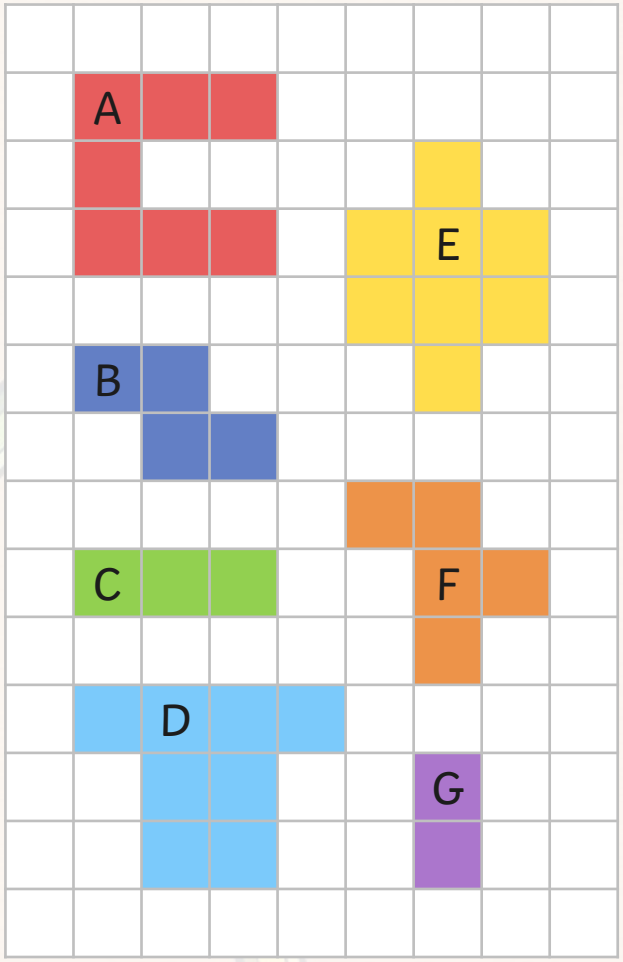
Diving into Mastery



# Comparing Area

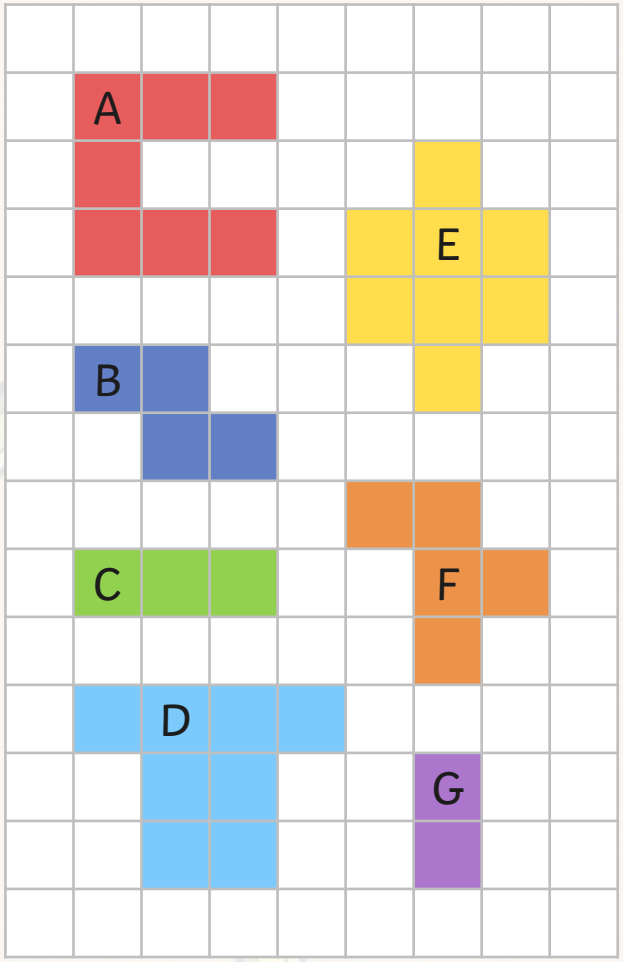
**Comparing Area** | **Diving**




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 |
|---|---|
| | |

**Comparing Area** | **Diving**

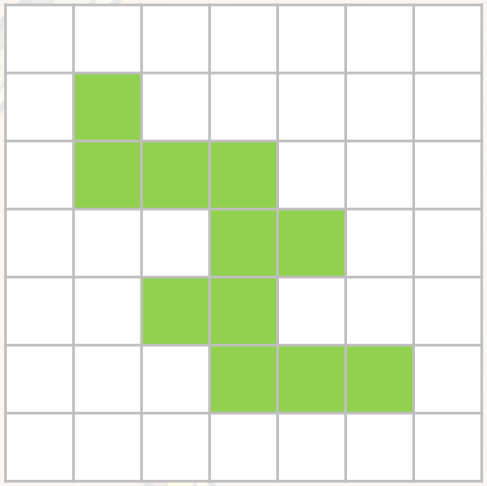
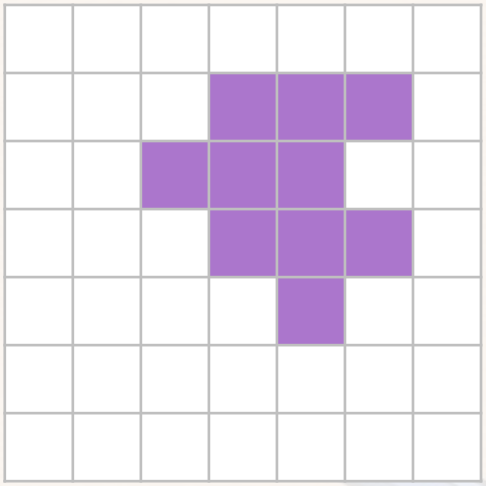



Sort the shapes into the correct column of the table.

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

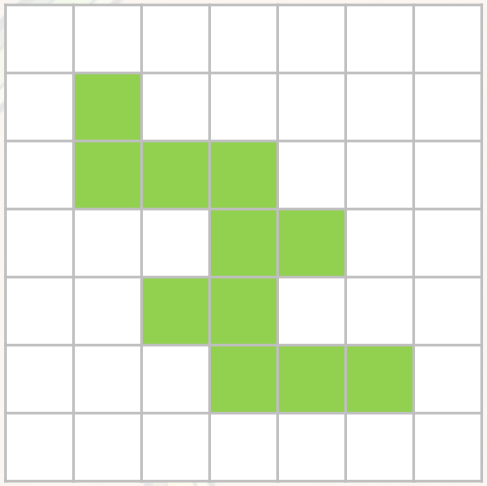
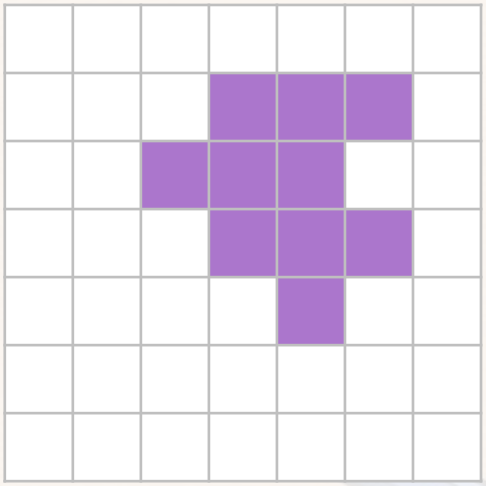
**Comparing Area** | **Diving**

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

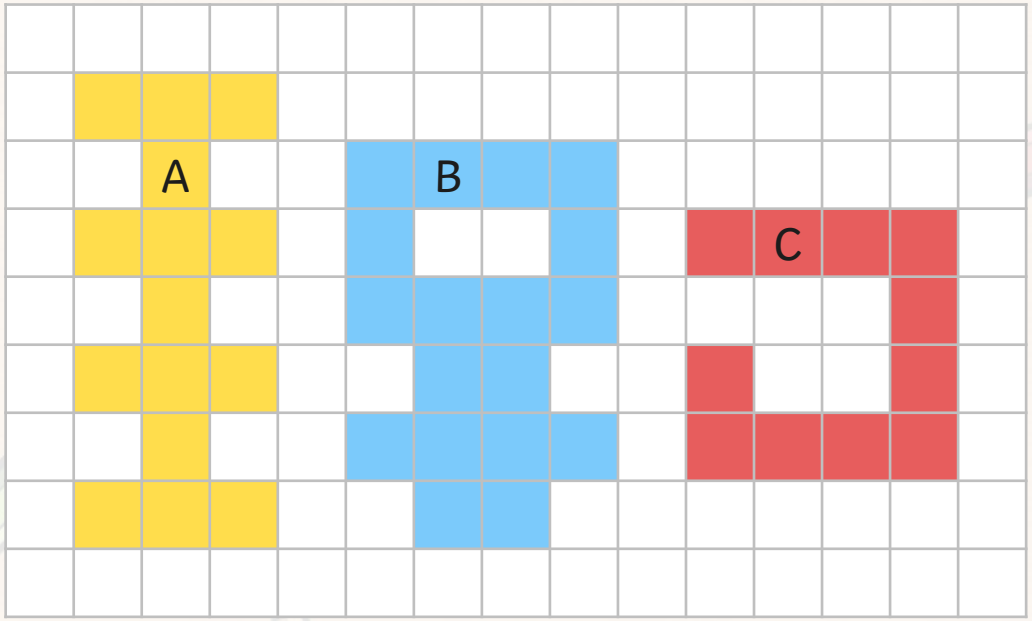
| Shape 1 | Compare Area >, < or = | Shape 2 |
| --- | --- | --- |
|  | |  |
| | | |

**Comparing Area** | **Diving**

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

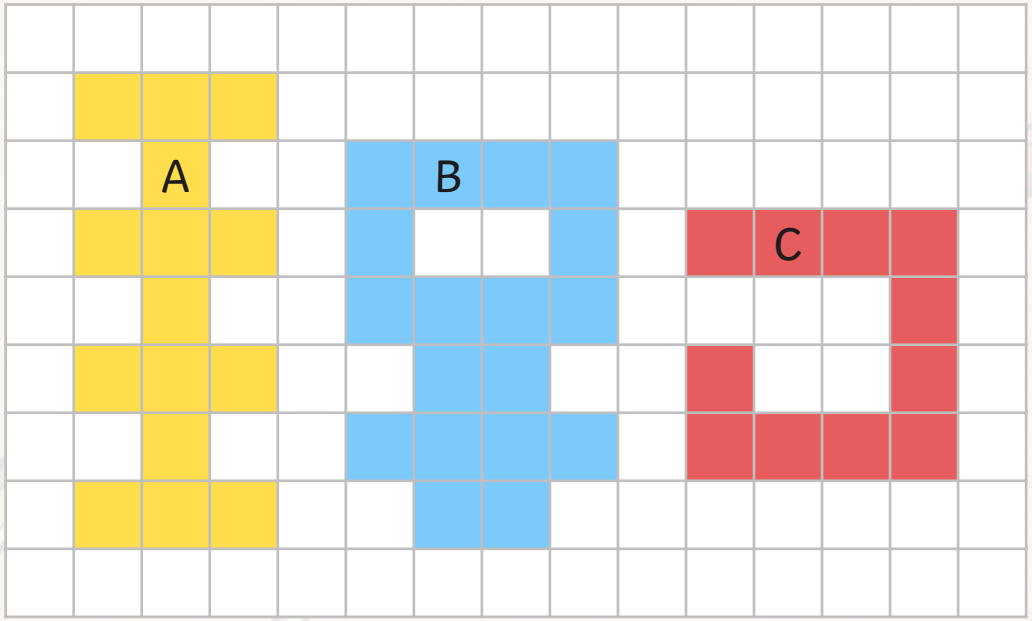
| Shape 1 | Compare Area >, < or = | Shape 2 |
|---|---|---|
|  | > |  |
| 11 | > | 10 |

**Comparing Area** | **Diving**




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

**Comparing Area** | **Diving**



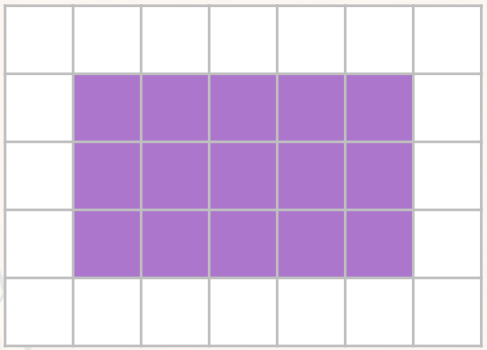

Order these shapes from the shape with the smallest area to the shape with the largest area.

C, A, B

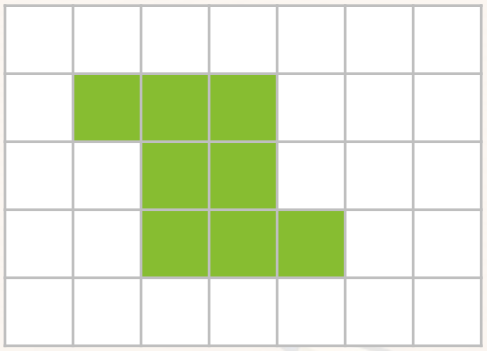
**Comparing Area** | **Deeper**

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.



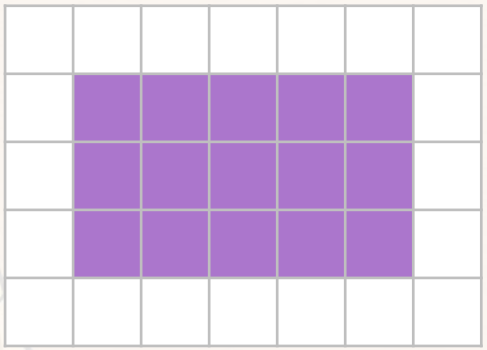
The area of my shape is less than the area of Josie's shape.



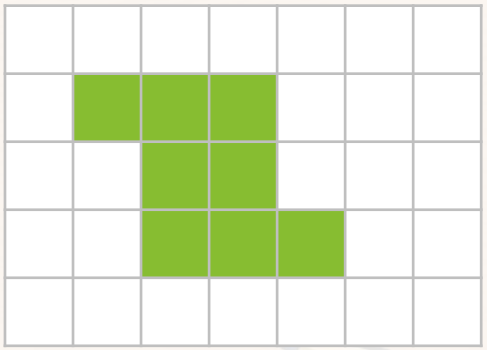
**Comparing Area** | **Deeper**

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.



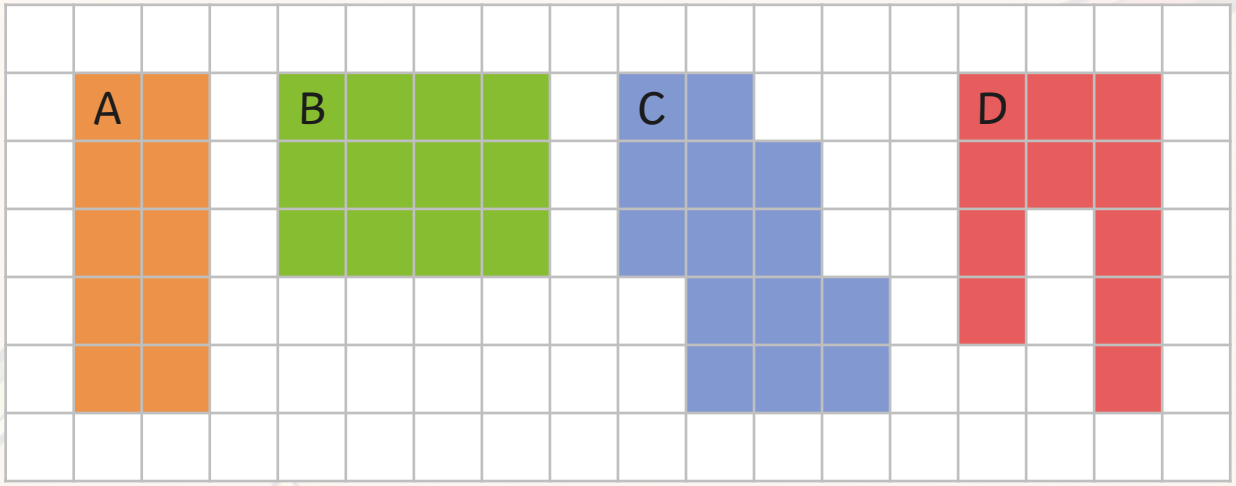
The area of my shape is less than the area of Josie's shape.



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.

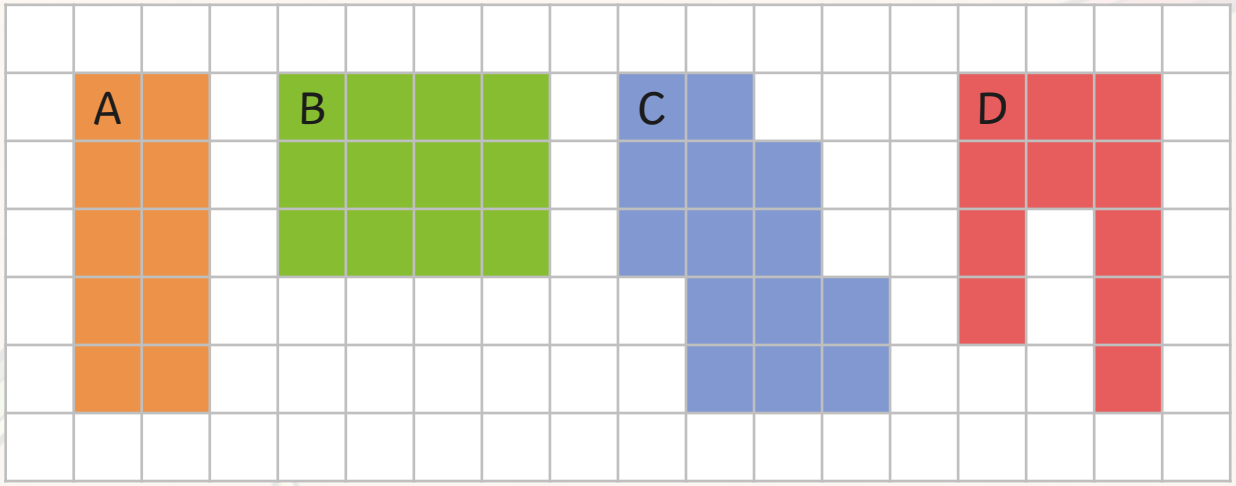
Ned

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!