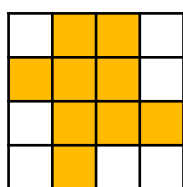
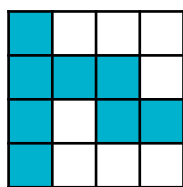
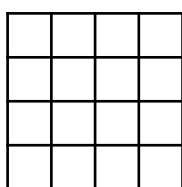


Area of Compound Shapes

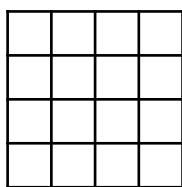
1. Create a rectilinear shape to make the comparison statements correct.



>



<



VF

4. Gemma is using square tiles to make shapes.



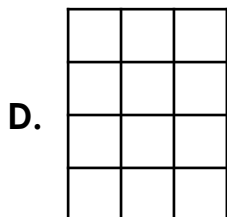
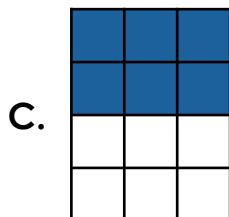
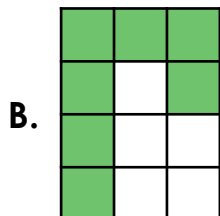
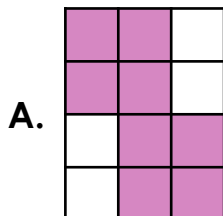
Gemma

If I have an even number of tiles, I will always be able to make a square. I know this because 16 tiles make a square.

Is Gemma correct? Convince me.

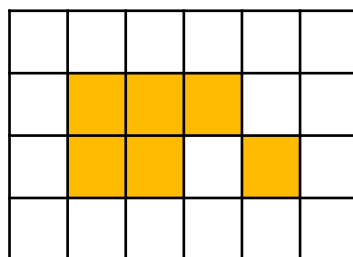
R

2. Complete shape D, following the pattern.



VF

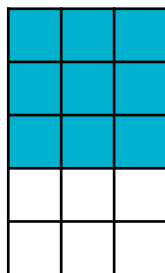
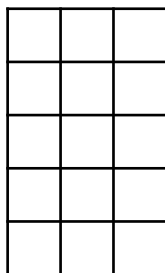
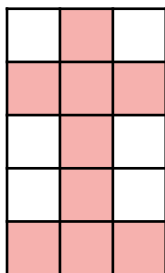
5. Freddy was asked to make a shape with an area of 6 squares.



What mistake has Freddy made? Explain your reasoning.

R

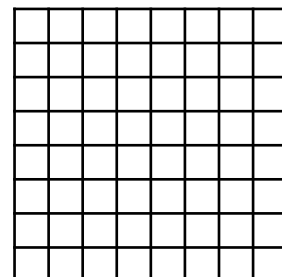
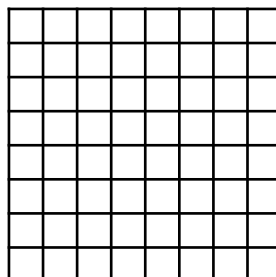
3. Henry wants to create 3 different rectilinear shapes using 27 square tiles. He has completed 2. Create a different shape using the remaining tiles.



VF

6. Tiffany has drawn 2 rectilinear shapes. Each shape has an area of 16 square tiles with no more than 6 sides. What shapes could she have drawn?

Draw them on the grids below.



PS