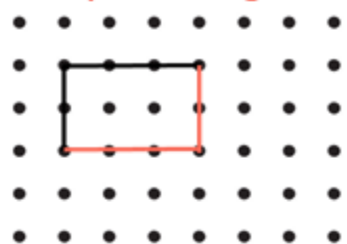
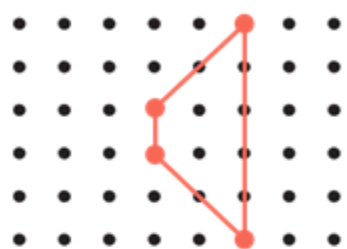


What is Area?

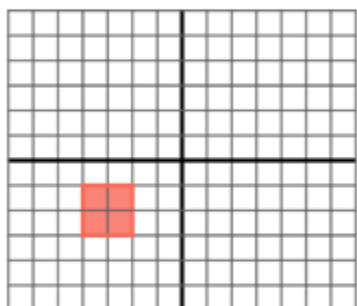
1. Betsy's rectangle is shown below:



2. A trapezium should be created when all 4 vertices are connected. The vertices can vary but there should be one or no pairs of sides that are equal in length or parallel.



3. Various answers, for example:



4. Nigel is incorrect. If Nigel adds 1 more vertex, he will be able to create a pentagon as his shape will have 5 sides. A hexagon has 6 sides, so he will need to add 2 vertices.



5. Claire is incorrect. $8 + 3 \text{ straws} = 11 \text{ straws}$ and hexagons have 6 sides. 2 hexagons would have 12 sides (6×2), so there would not be enough straws.

6. Various answers, for example:

