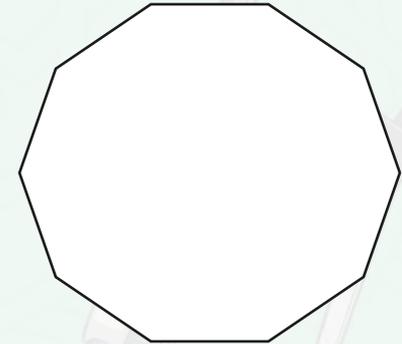
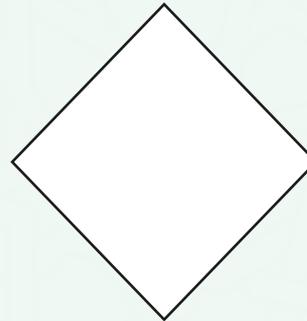
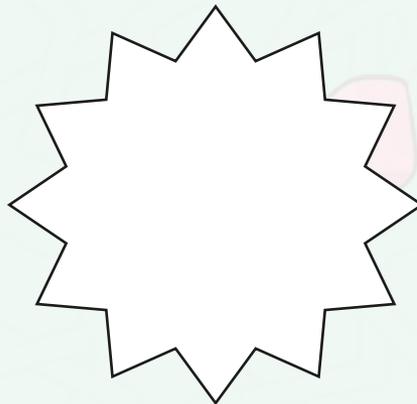
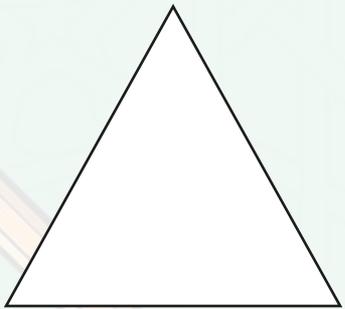
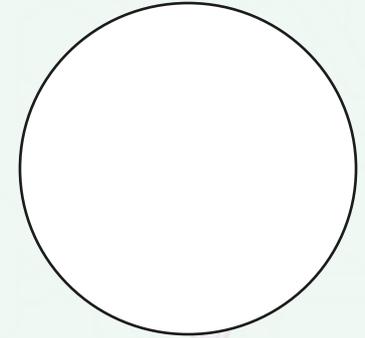
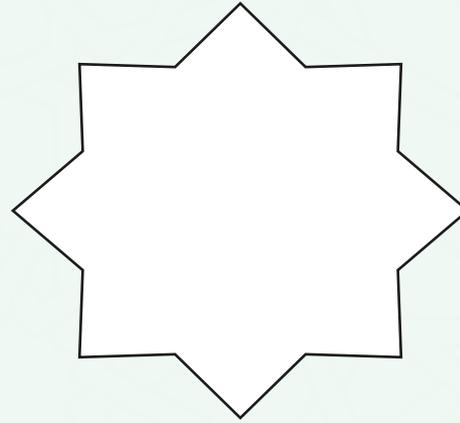
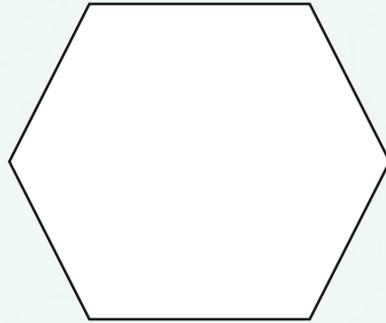
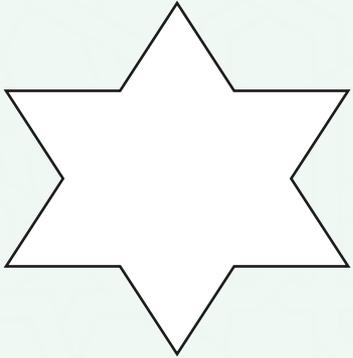


How to Draw a Geometric Repeating Pattern

Instructional PowerPoint

twinkl

Shapes In Islamic Art



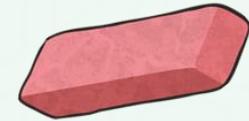
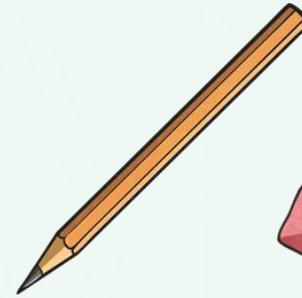
Instructions

Equipment

- Islamic Geometric Repeating Pattern Template Activity Sheet
- ruler
- pencil
- rubber
- colouring pencils/pens

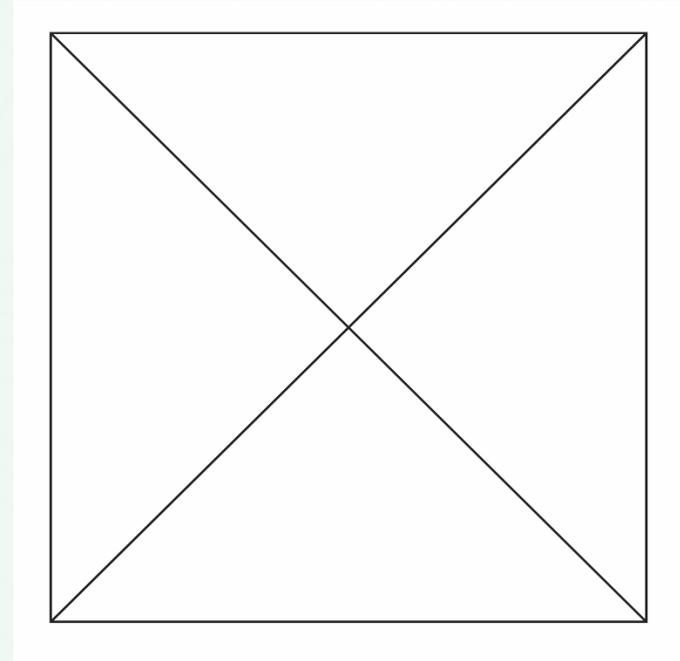
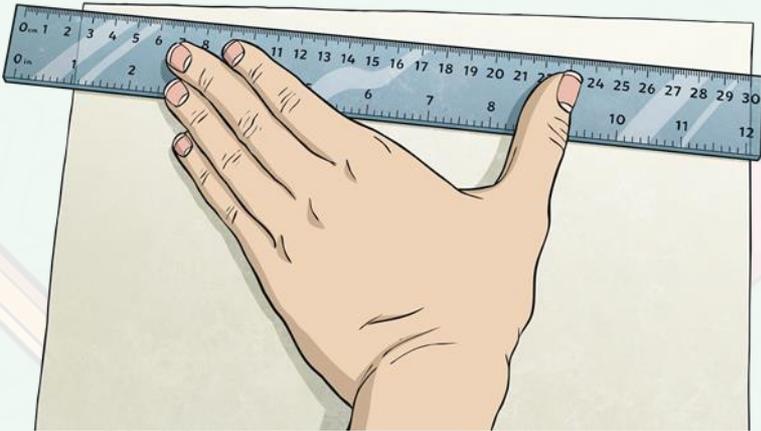
Remember:

- to use a ruler wherever necessary;
- to be as accurate as you can;
- to check that your finished pattern is symmetrical.



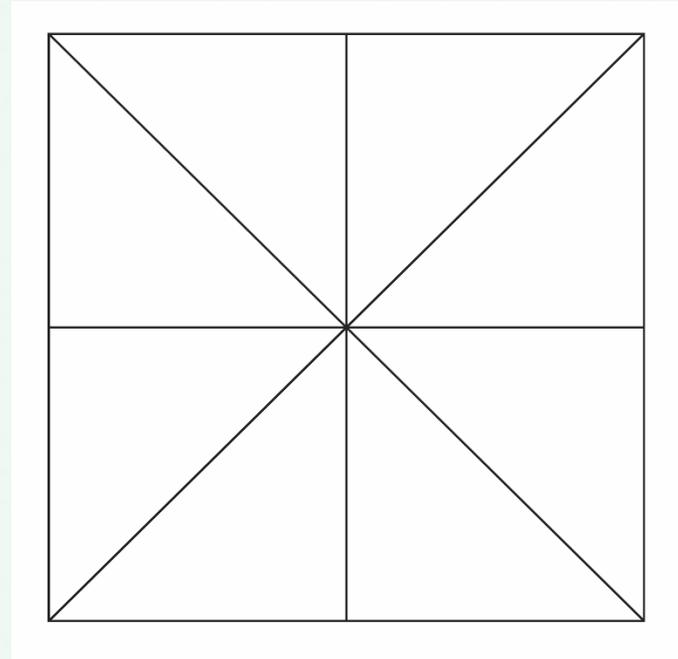
Instructions

1. Begin in one square of your grid. Draw two diagonal lines which intersect in the centre of the square. Make sure you use a ruler.



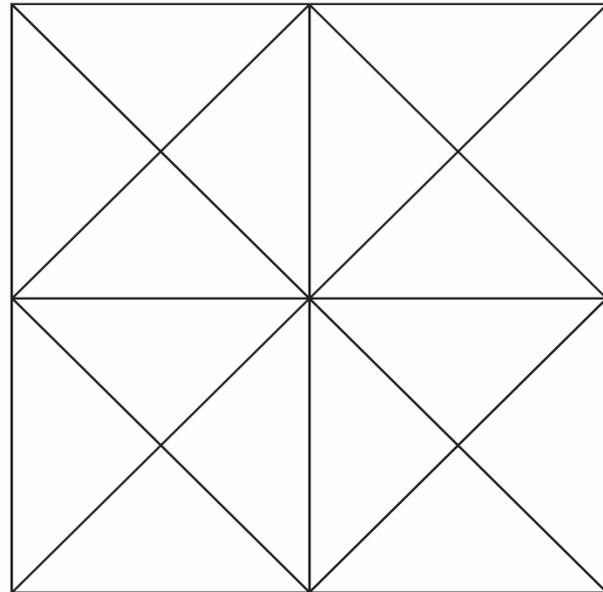
Instructions

2. Next, draw a central vertical and horizontal line which also intersect the centre point.



Instructions

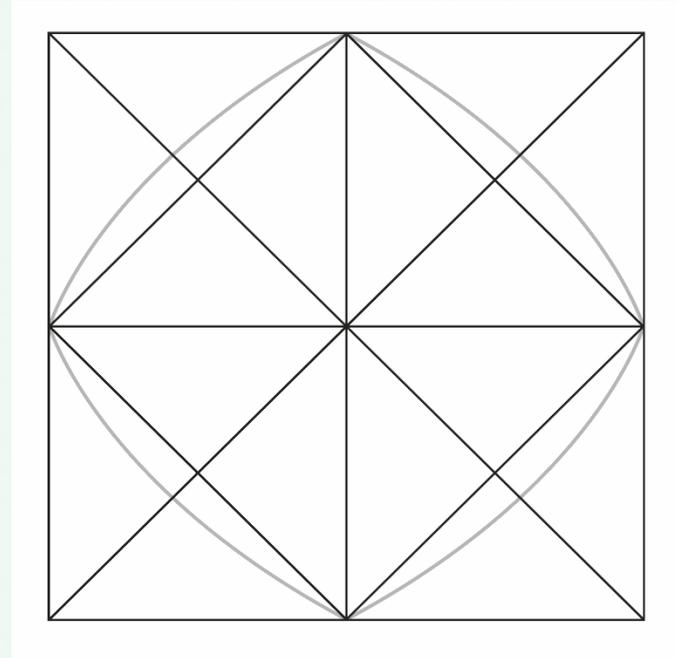
3. Then, join the top middle point to the middle left point. After this, join up the middle bottom point to the middle right point. Do the same for the bottom half of your square so that you will have drawn a new square shape that looks like it is tilted on its side.



Instructions

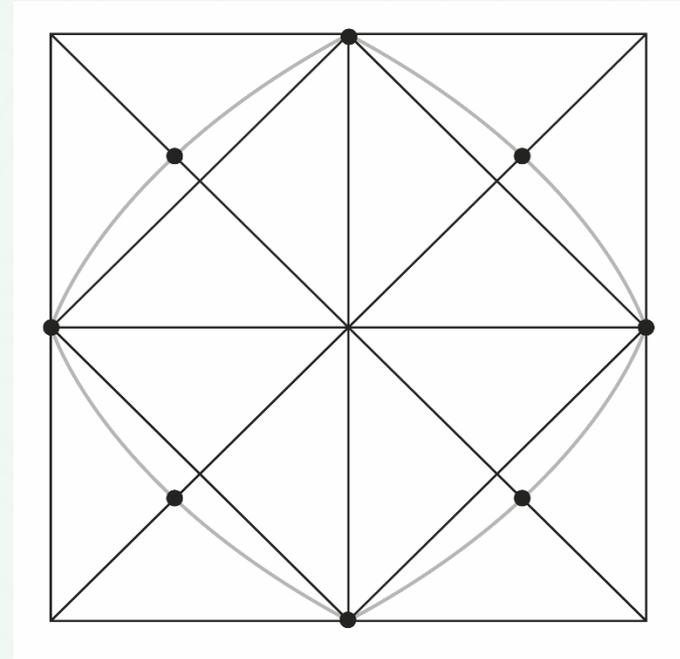
4. Next, draw a shallow arch over each side of this new square shape. Make sure you do this extremely lightly and try to create the same shaped arch on each side. You will rub this bit out afterwards but it's important because it will help to form the finished star.

Alternatively, using the centre point of the square, draw a circle using a compass. Ensure the circle touches the top, sides and bottom of the square.



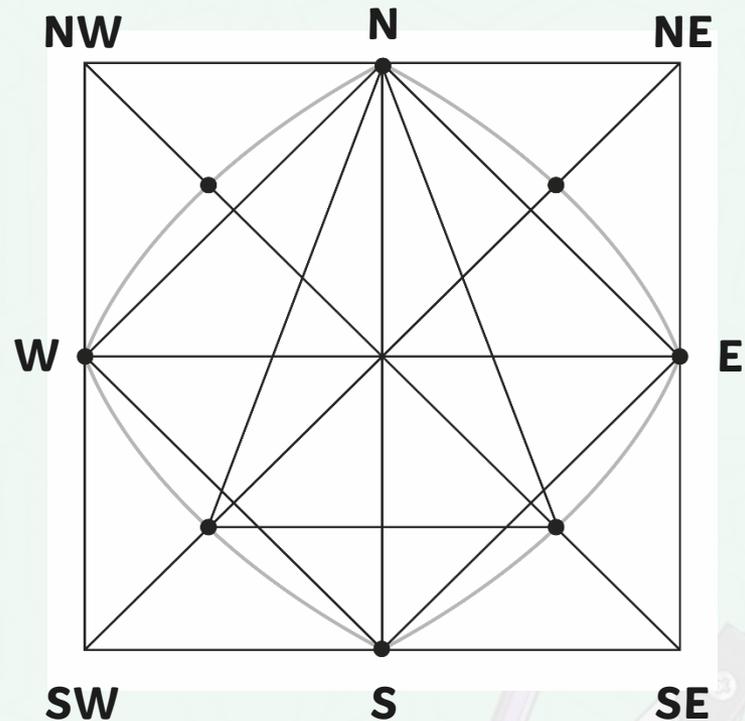
Instructions

5. In order to draw the 6-pointed star, draw small dots around the arches where they meet the lines you drew in the first two steps.



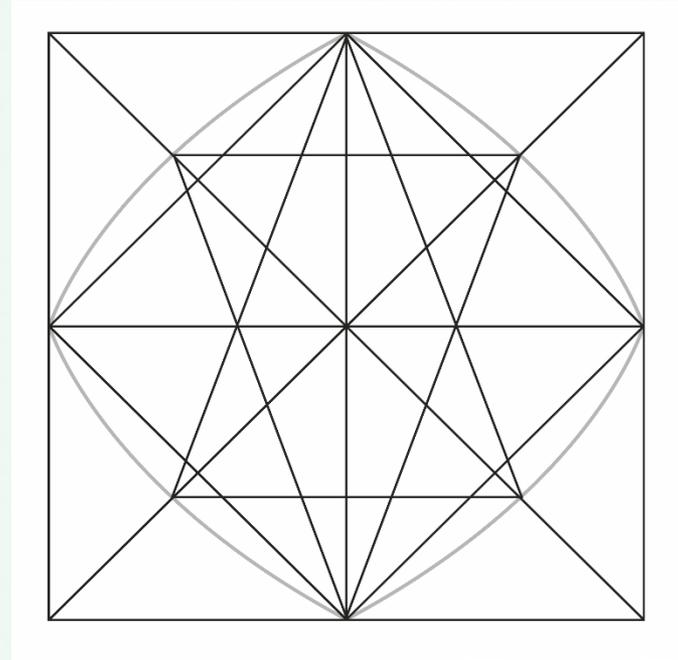
Instructions

6. Join up the point labelled N on the diagram with the two dots in SE and SW position. You should have made a triangle shape.



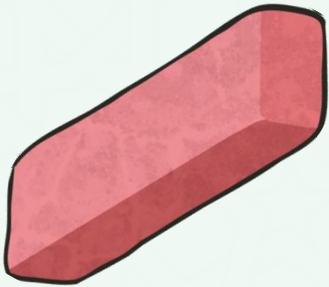
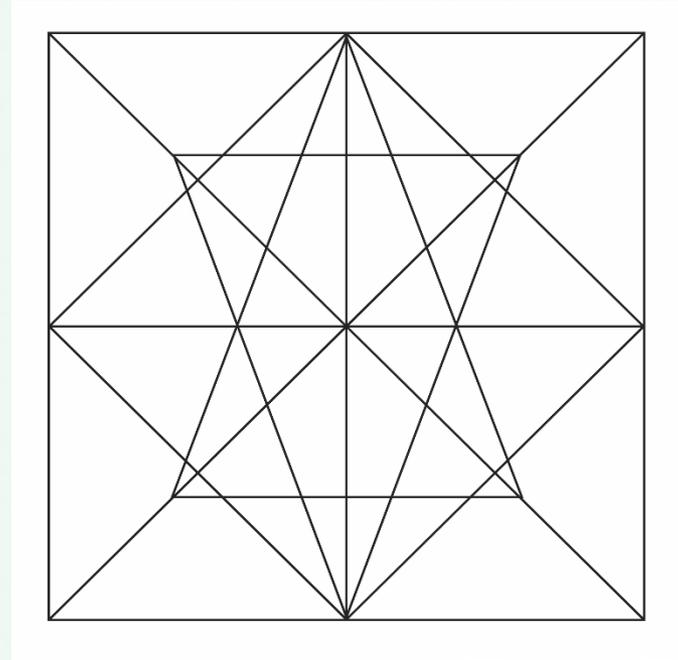
Instructions

7. Now join the dots in locations S, NE and NW to make another triangle, this time upside down. Your six-pointed star shape is now complete.



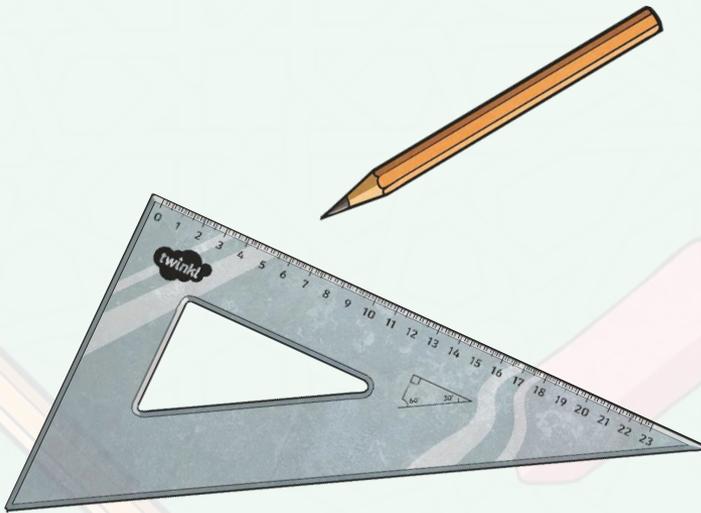
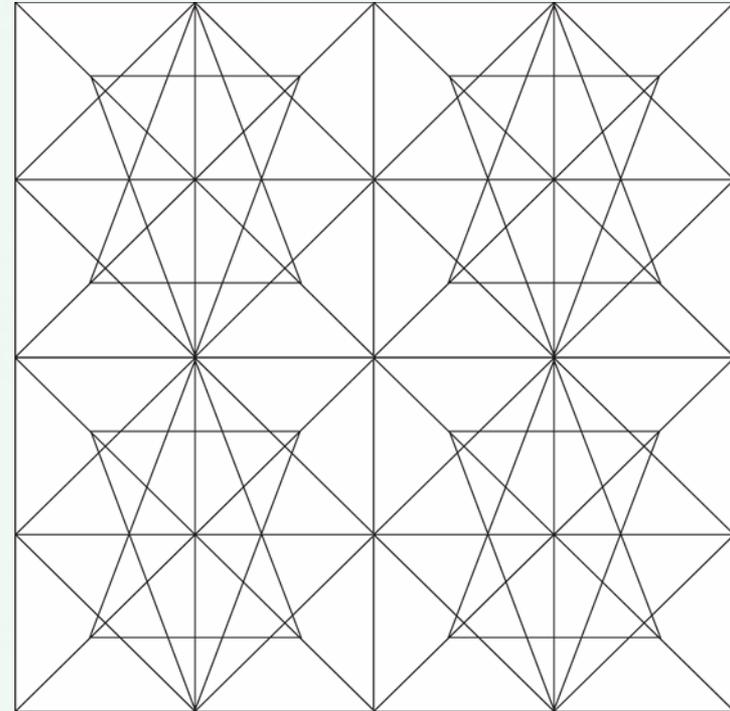
Instructions

8. Finally, rub out the curved lines.



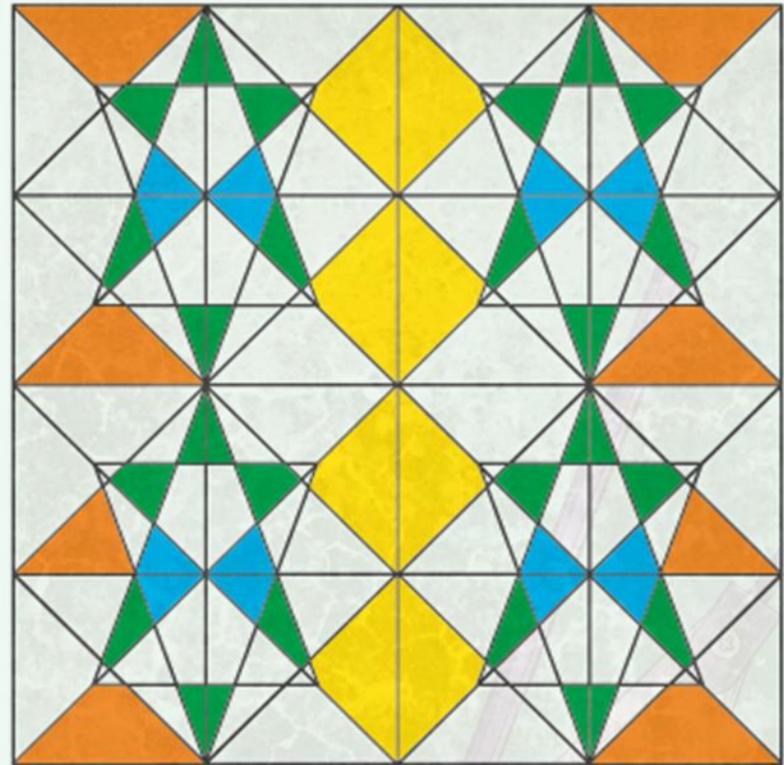
Instructions

9. Repeat these steps in each of the three remaining squares to create your finished geometric pattern.



Instructions

10. Pick out interesting shapes within your pattern and colour them in. Repeat the same pattern in each of the squares. You may decide to leave some areas blank.



Origami Cat

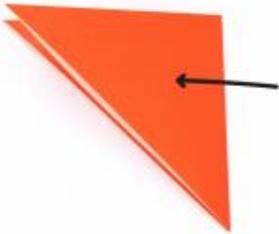
1



2



3



4



5



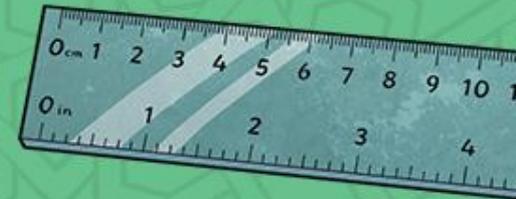
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7



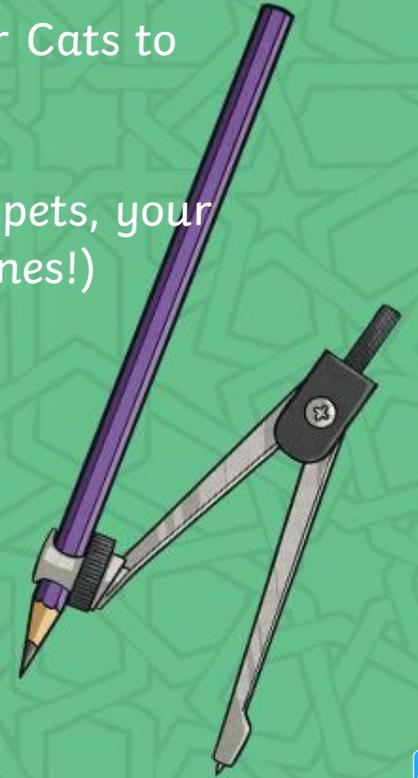
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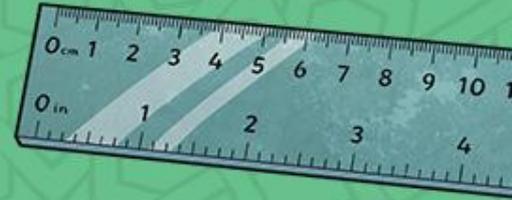
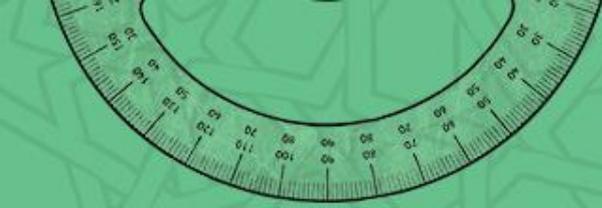


Please follow these exact INSTRUCTIONS and STEPS to reach your final design of the Cat.

Bring your Cats to school!

(Not your pets, your Origami ones!)





twinkl

