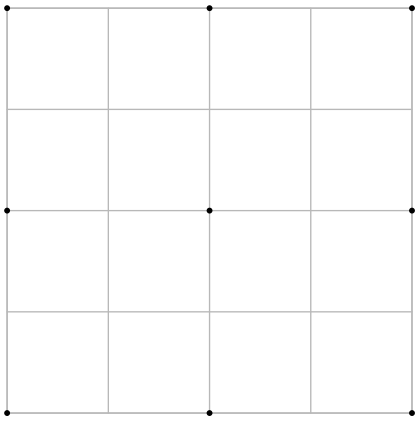
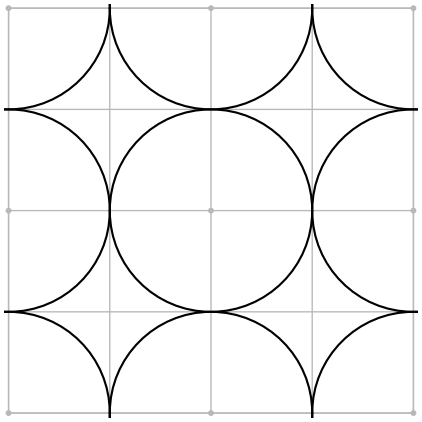
How to draw the star and cross pattern

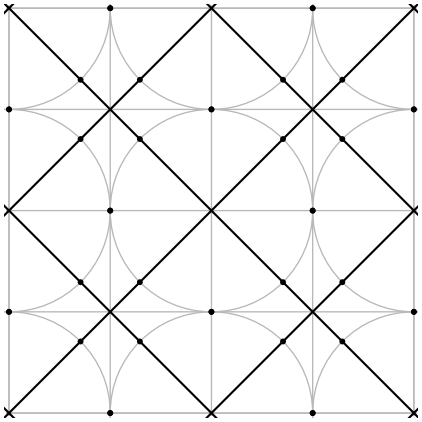
With a compass, a ruler and a pencil. Press lightly: construction lines are erased at the end.



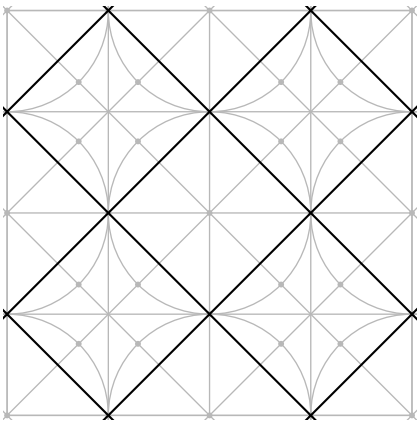
1. Start from squared paper, or rule a square grid. Every second crossing, in both directions, is the centre of a star: mark them.



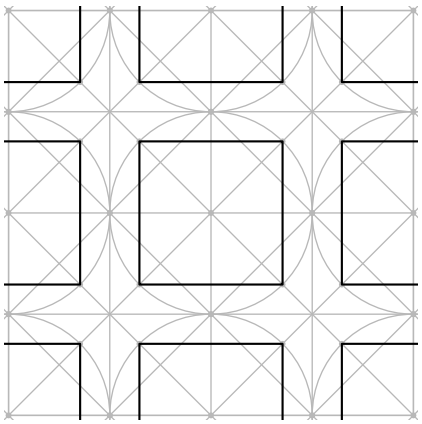
2. Open the compass to the side of one square. Around each centre, draw a circle: it passes through the four crossings next to the centre.



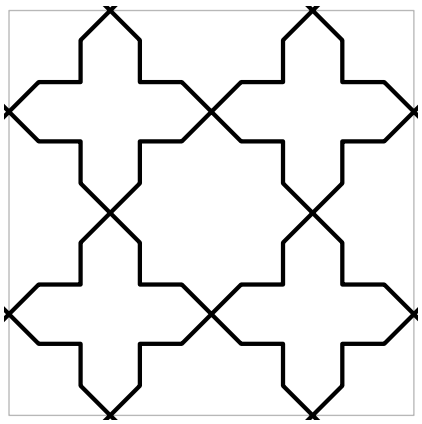
3. Rule the diagonals of the four squares around each centre. They cut its circle at four more points: eight points, 45° apart, on every circle.



4. In every circle, join every other point with the ruler: a square standing on its corner.



5. Join the four points left: a second square, turned 45° from the first. Two squares make an eight-pointed star.



6. Ink the outline of every star. The stars touch point to point, and the space between four stars is a cross. Erase the grid and the circles.

The star and cross pattern

Colour the stars one colour and the crosses another: only two shapes fill the page.

