THINK MATHS

How to make a regular dodecahedron
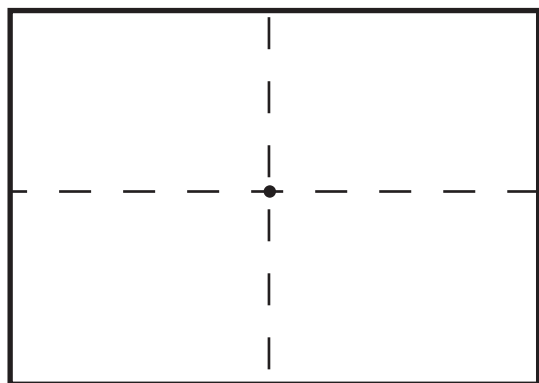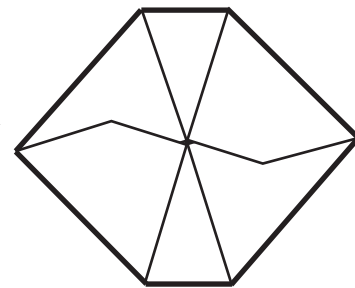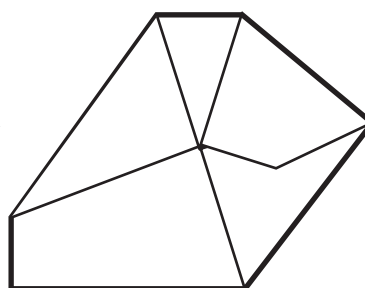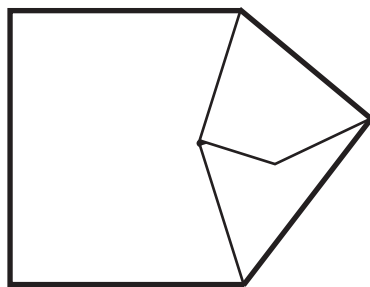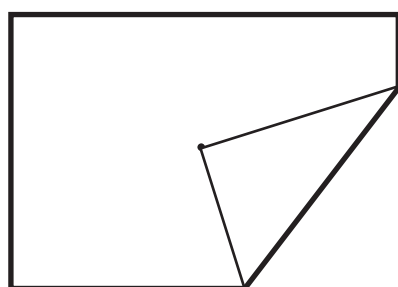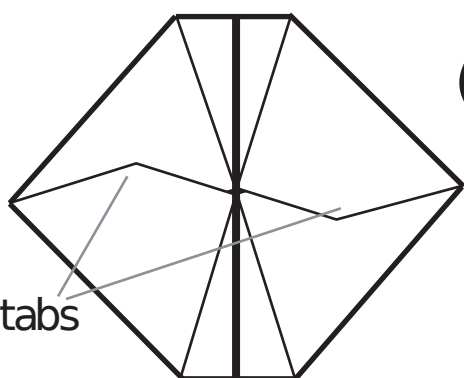
Take a piece of A4 paper. Find the centre by folding it in half twice.
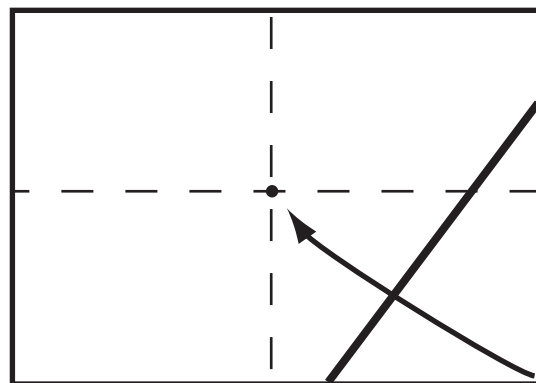
Fold one corner to the centre.

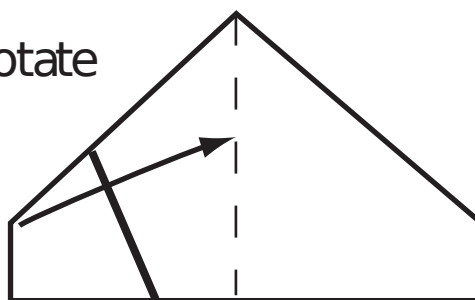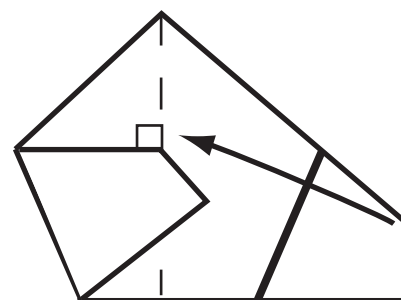Repeat for each of the four corners, working your way around.

rotate

tabs

Fold in half along the vertical, locking the tabs together.

Fold the corner up so it lands on your original crease line, making a right angle.

Repeat for the other corner.

Repeat this until you have twelve pentagons. The flaps can be used to assemble them into a dodecahedron*!

*They're not quite perfect pentagons, and so it's not quite a perfect dodecahedron. But it's close enough that it works without any glue!