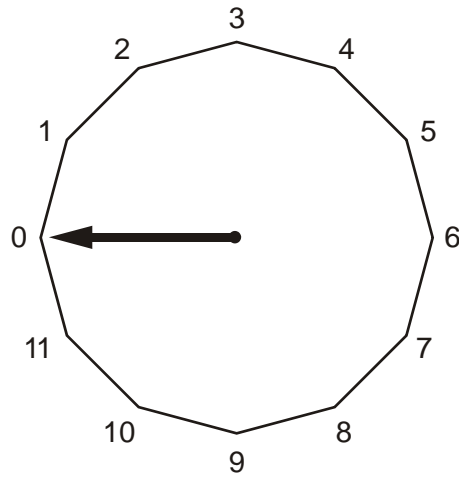


1. This regular 12-sided shape has a number at each vertex.



Ben turns the pointer from zero, clockwise through 150°

Which number will the pointer now be at?



1 mark

Nisha turns the pointer clockwise from number 2 to number 11

Through how many degrees does the pointer turn?

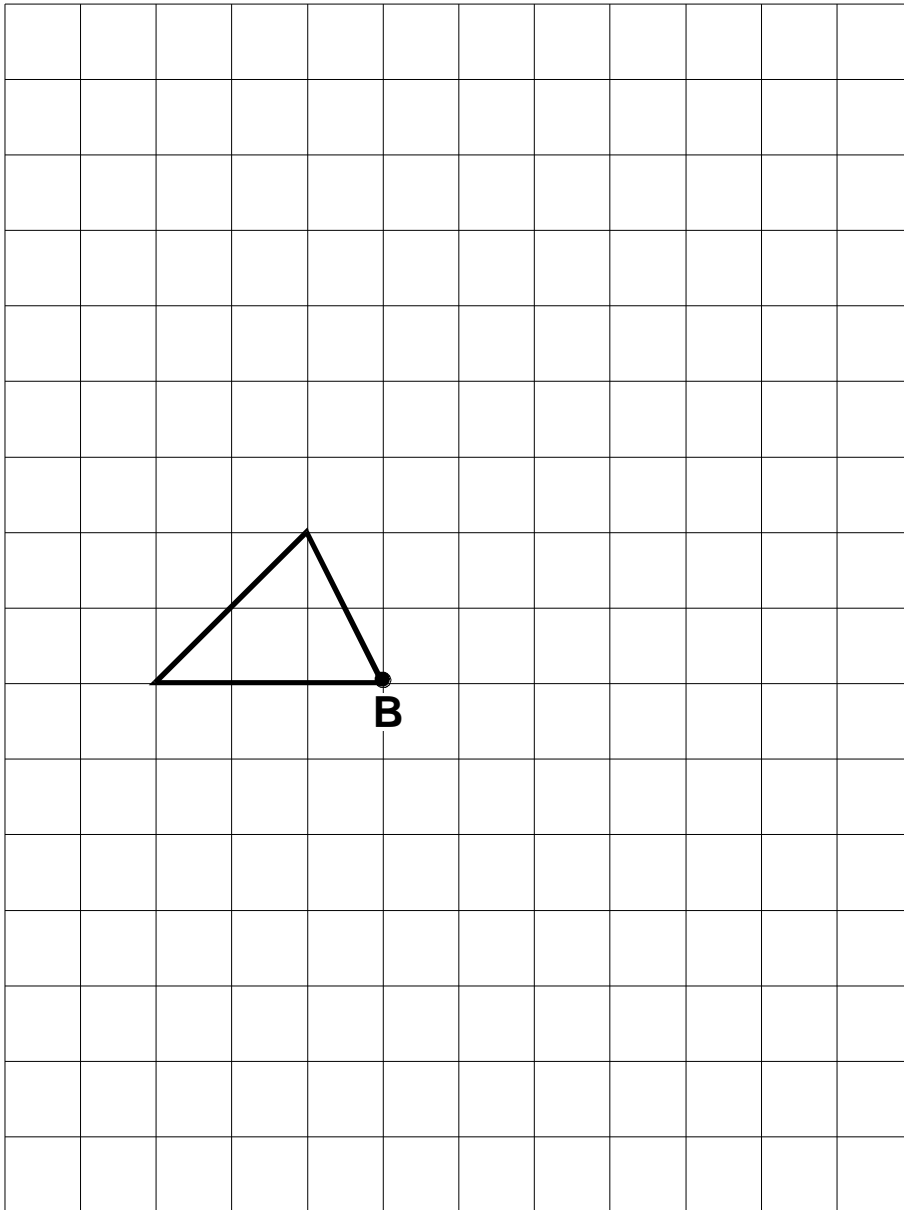


1 mark

2. Here is a shape on a square grid.

The shape is rotated **90° clockwise** about point B and enlarged by a **scale factor of 2**

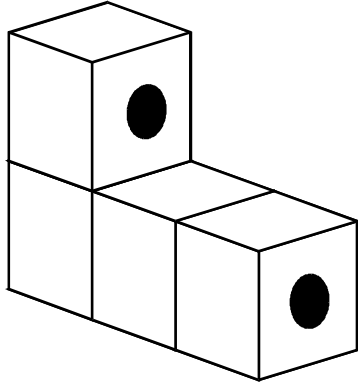
Use a ruler to draw the enlarged shape in its new position.



2 marks

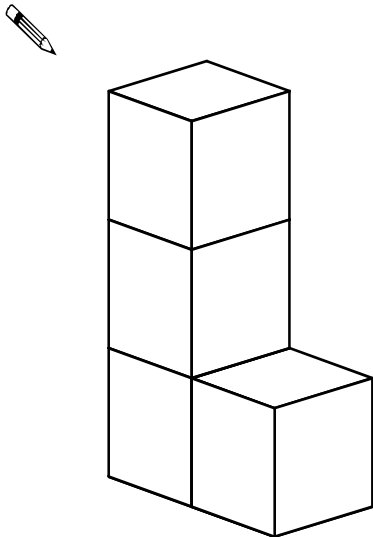
3. Tom makes this shape from four cubes stuck together.

Two circles are drawn on the shape.



Tom moves the shape.

Draw the **circles** on the shape in its new position.



1 mark