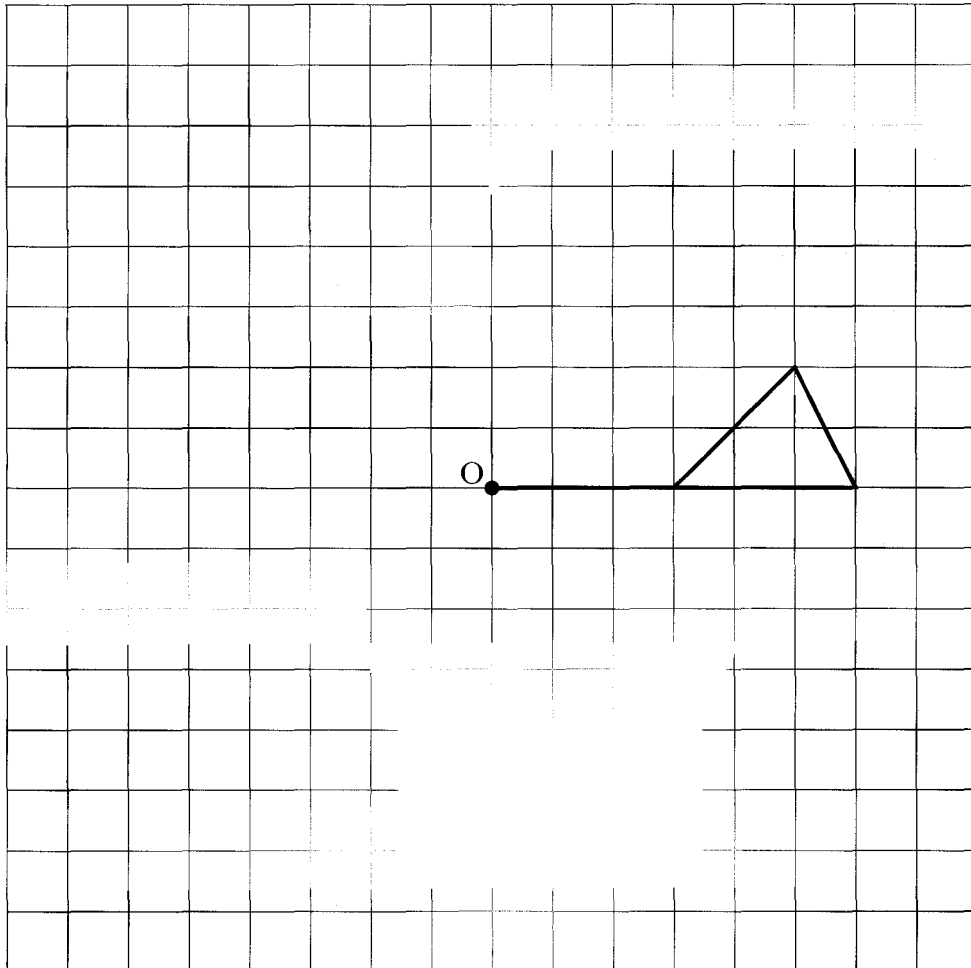


Complete this shape so that it has quarter-turn symmetry about O.

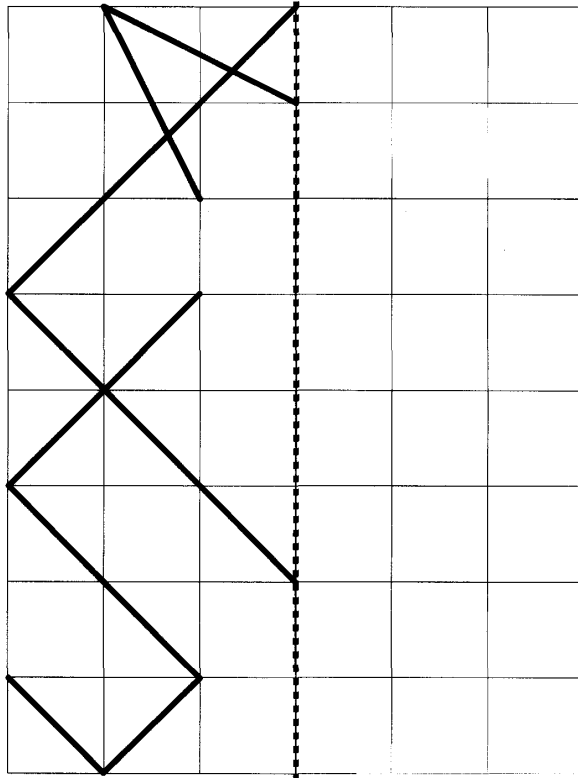


2007 P1 Q4

Ans

2004 P1 Q3

Ann Fiona Johnstone has drawn a design which uses her initials.  
She wants her finished design to be symmetrical.  
Complete her design so that the dotted line is an axis of symmetry.

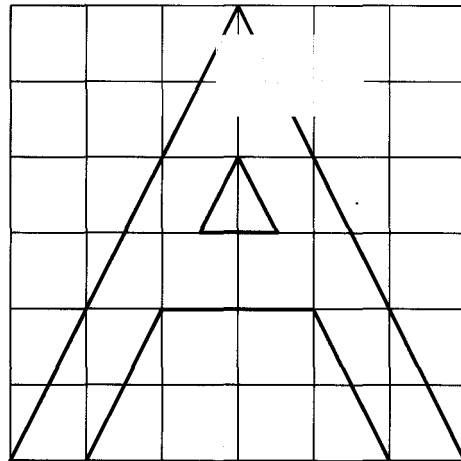


3

Ans

2003 P1 Q4

The letter A is shown in the diagram.



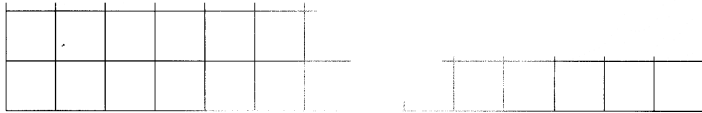
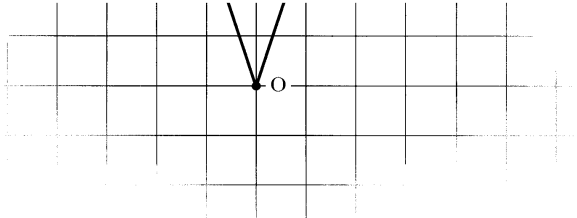
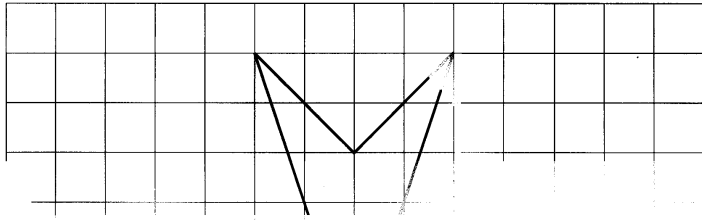
On the grid below, draw an enlargement of this letter A using a scale factor of 2.

3

Ans

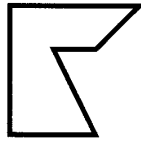
2002 P1 Q3

Complete this shape so that it has quarter-turn symmetry about O.

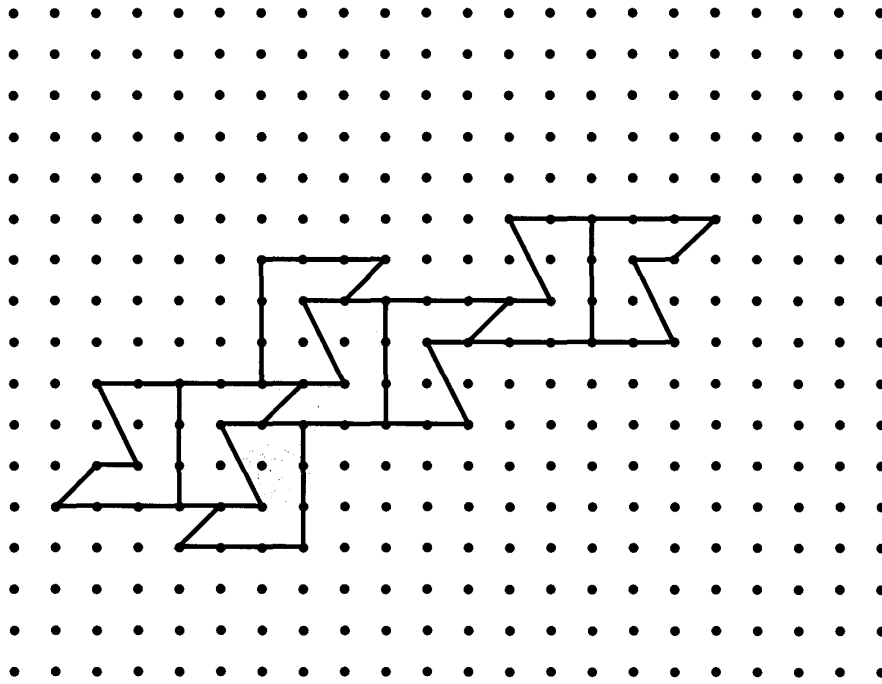


Ans

A seaside promenade is to be covered with tiles.  
 All the tiles are shaped like this.



Here is part of the design of tiles.

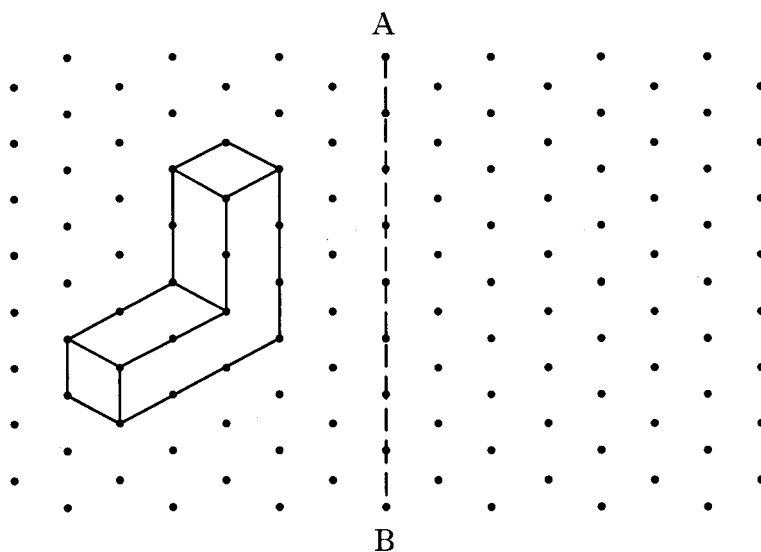


Draw six more tiles to continue the design.

2001 P1 Q5

Ans

Draw the image of the shape reflected in the line AB.



2000 P1 Q6

4

Ans

The faces of a cube have the numbers 0, 1, 2, 3, 4 and 5 written on them. Different views of this cube are shown in Diagrams 1 and 2.

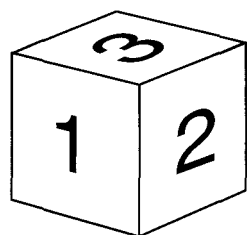


Diagram 1

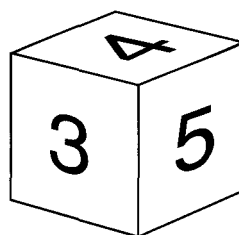
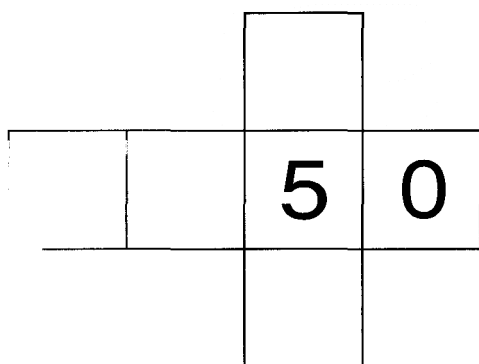


Diagram 2



The net of this cube is shown above.

Fill in the remaining numbers on the correct faces.

2000 P1 Q8

3

Ans