NAME……DATE…….Worksheet 3.9

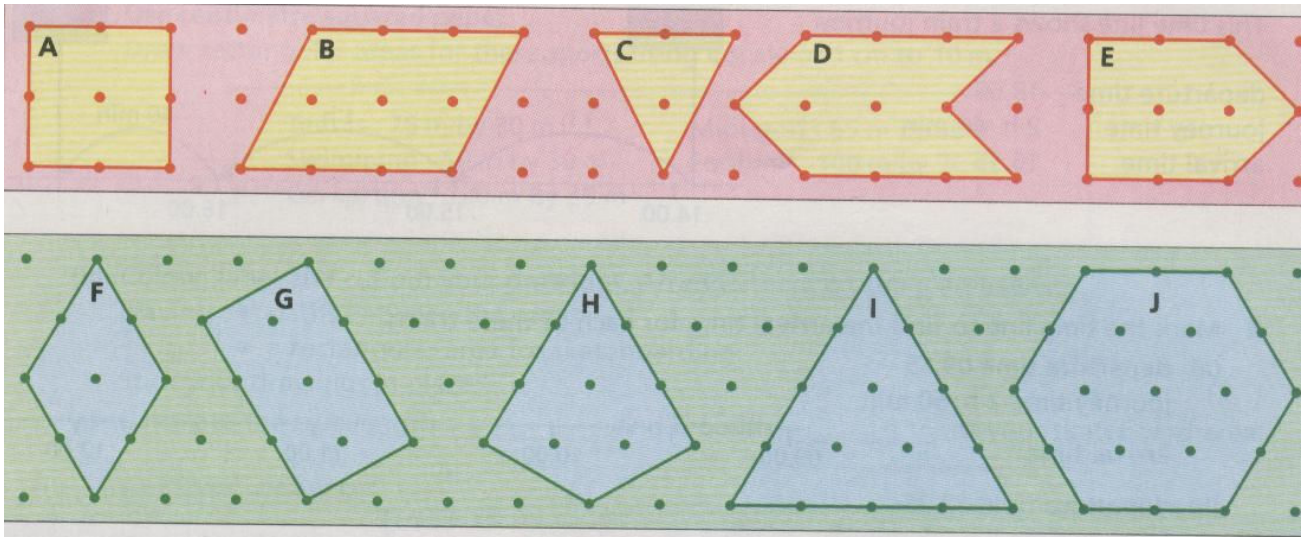
ROTATIONAL SYMMETRY

1 • Trace this rectangle and mark one corner.
• Rotate your tracing on top of this rectangle.
• How many times does your tracing fit the rectangle in one full turn?

Count the starting position only once.

The rectangle fits its outline **2 times** in one full turn.

2 Trace each shape and mark one corner.
Find how often the shape fits its outline in one full turn.

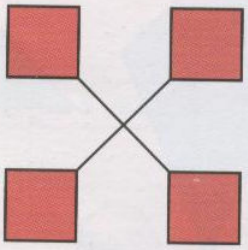


Do the following for each shape in turn.

- Write the name in column 1 of the table.
- Make a tracing and find the number of times the shape fits its outline in one full turn. Write this in column 2.
- Draw any lines of symmetry. Write the number of lines in column 3.

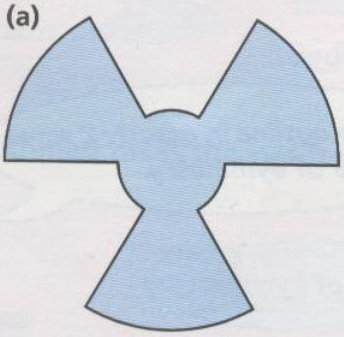
1	Name of shape	2	Number of fittings in one full turn	3	Number of lines of symmetry
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					

Trace this design and colour it as shown.
Check that the design fits its outline **4 times** in one full turn.

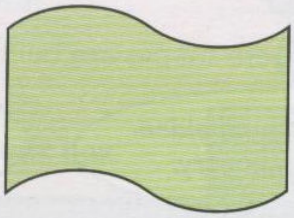
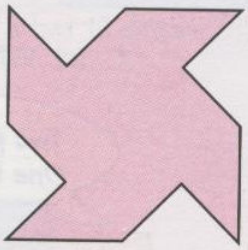


Trace each design and find how often it fits its outline in one full turn.

(a)



(b)



(c)