

S1 Level 3 Formal Homework  
(Show all working!)

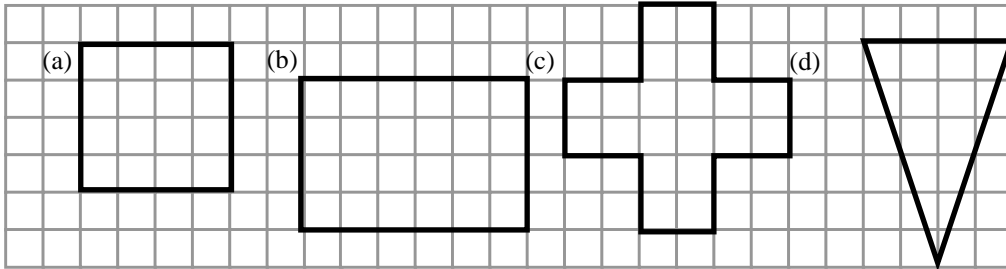
**Symmetry**

**Non Calculator Section:**

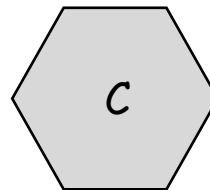
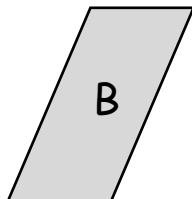
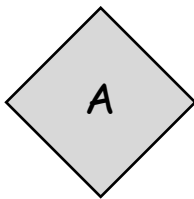
If working is not shown for this section then no marks will be awarded.

1.      a)  $25.7 \times 700$                       b) 40% of 370g                      c)  $2 \times 7 - 12 \div 3$

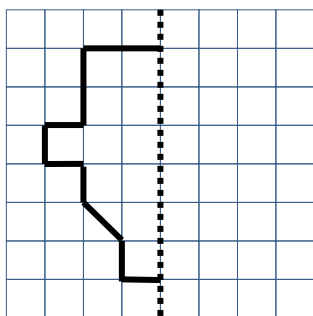
2.      Copy each of the following shapes and mark all the lines of symmetry.



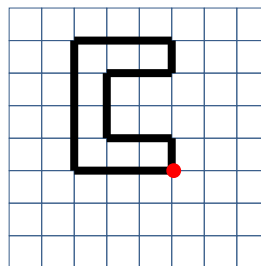
3.      Each of the three shapes has "turn symmetry".  
For each shape state the order of rotational symmetry.



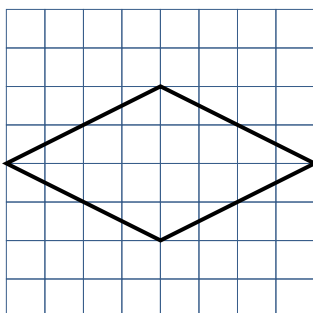
4.      Copy the diagram below and neatly draw the other half.



5.      Copy the shape below.  
Rotate the shape  $180^\circ$  around the "dot" to produce a shape with half turn symmetry. (rotational symmetry order 2).



- 6.



Make a neat copy of this rhombus into your jotter.  
Create a tiling by completely surrounding it with congruent tiles.