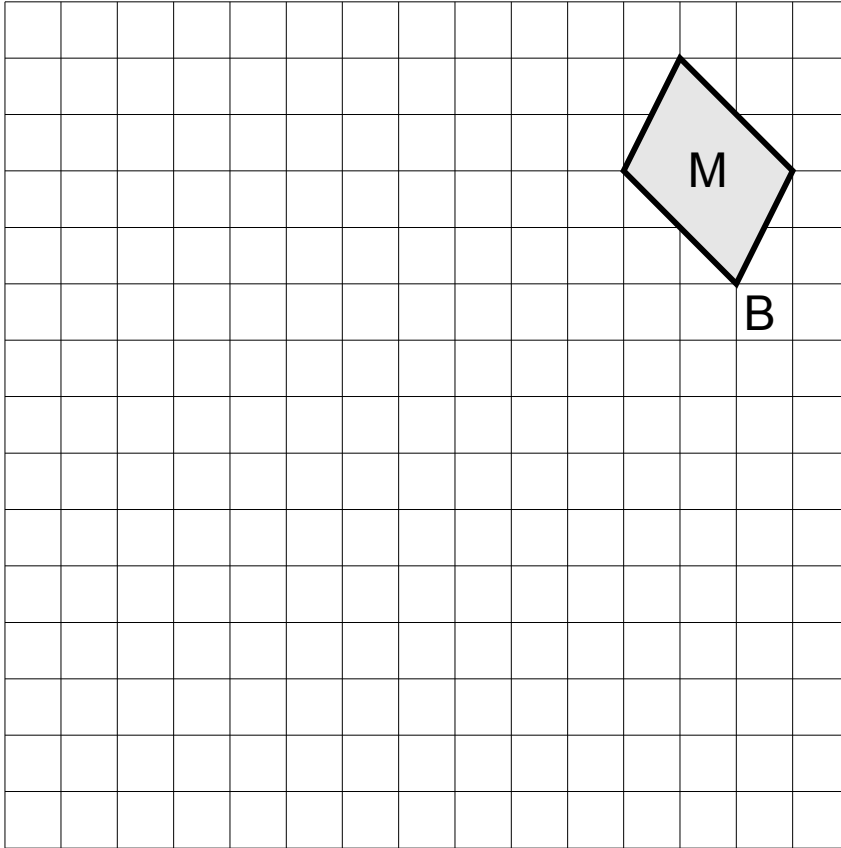


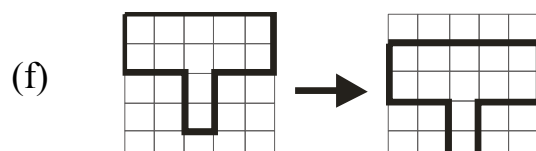
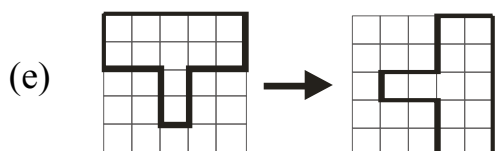
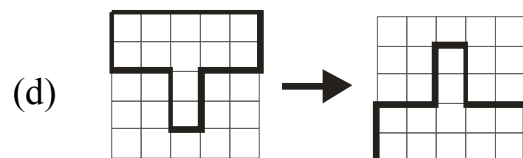
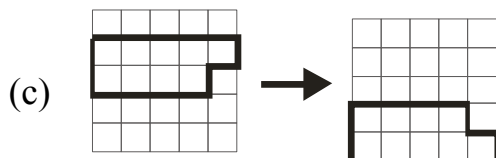
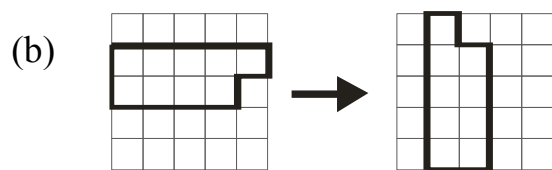
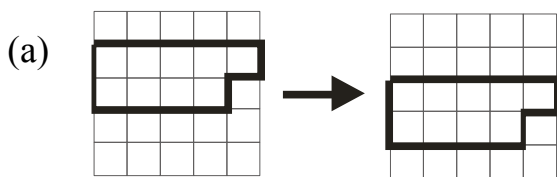
Exercise 2015-7EO-00004(4)

(1) Perform the following transformations on M:

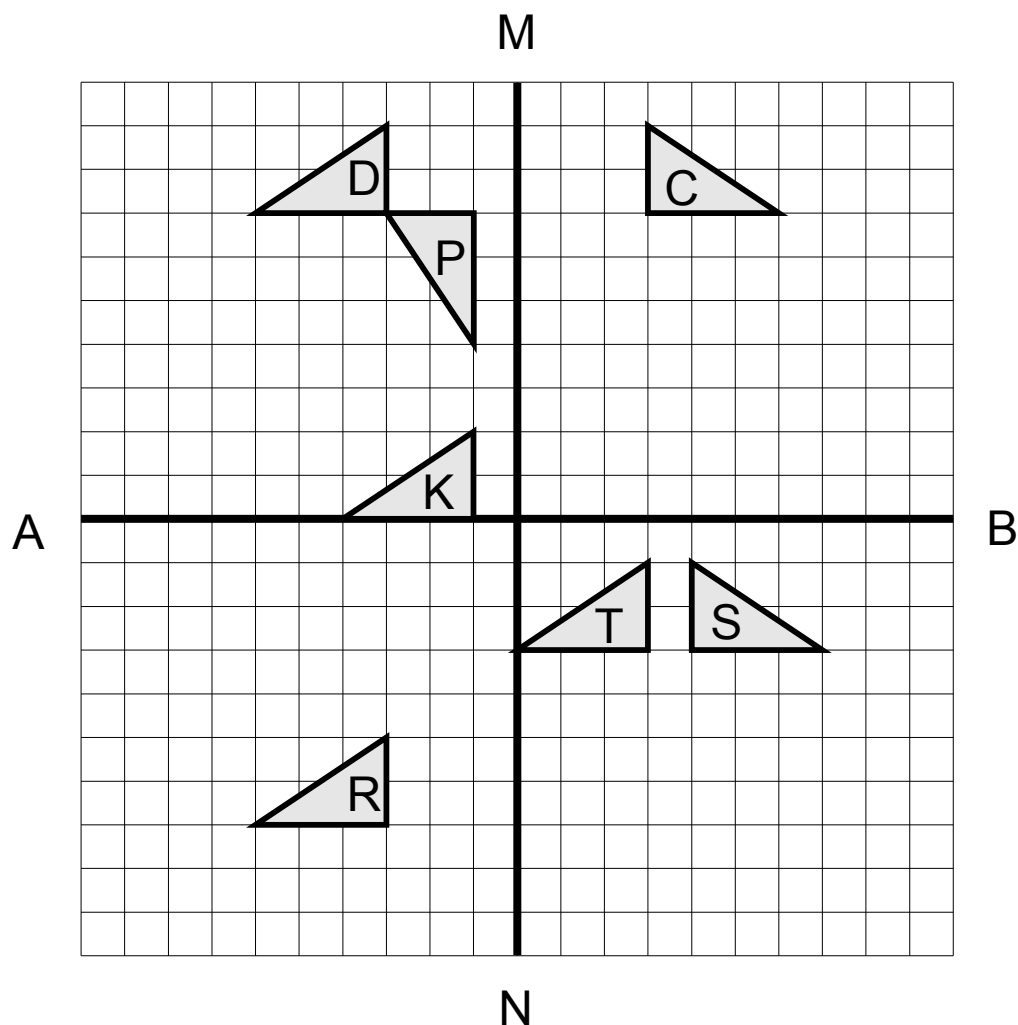
- (a) Draw N as a rotation of 90° anti-clockwise, from M with rotation centre B .
- (b) Translate N to K with 2 units down and 6 left. Draw K in on the sketch.
- (c) Draw P, as a enlargement of K with factor 2.



(2) Do the following images represent a translation, a reflection or a rotation?



(3) Study the following sketch.



- Write the mirror image of figure D in the line MN.
- Which triangle will be the result of K translating 7 down and 2 to the left?
- Is D and R one another's reflection in the line AB?
- Triangle P rotates 90° to the left and then translates 2 units upwards. Which triangle will be the result of this transformation?
- Is triangle T and triangle S congruent?
- Draw the reflection of R in the line MN in on the sketch. Label it as F.
- Draw the enlargement of F with scalefactor 2. Label it as G.