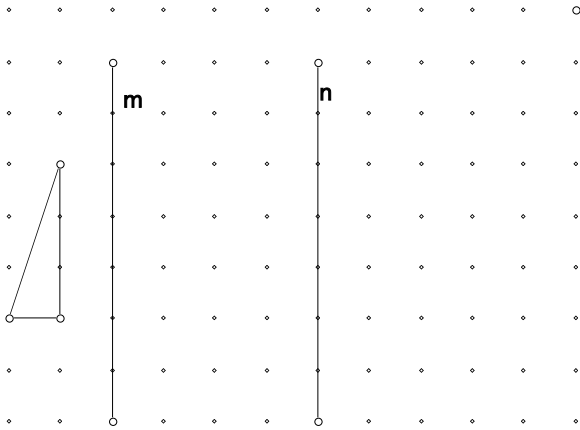


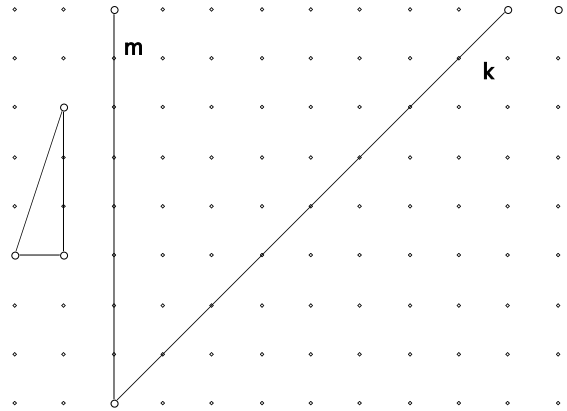
2-step transformations:

1. Show the position of the triangle if you reflect first in m and then in n .



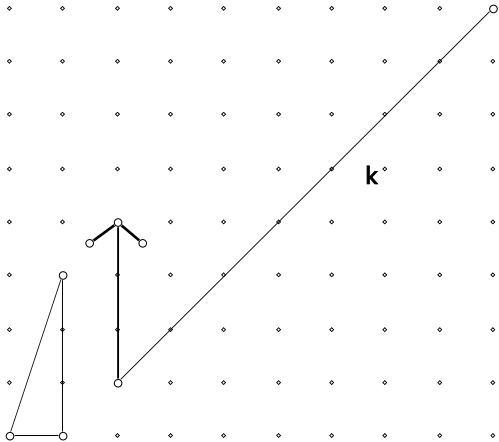
This same thing can be done in one step by a translation. Describe that translation:

2. Show the position of the triangle if you reflect first in m and then in k :

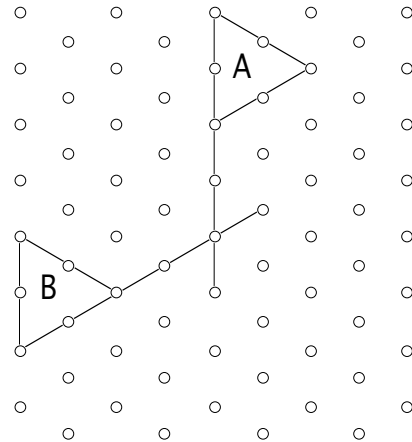


This same thing can be done by a rotation. Find the rotation point and angle:

4. Show the result of first translating along the vector, and then reflecting in the line k :



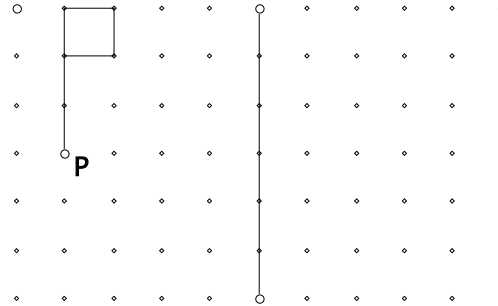
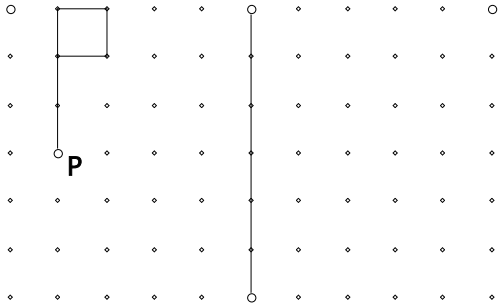
5. Completely describe the rigid motion (reflection, rotation or translation) that moves A to B:



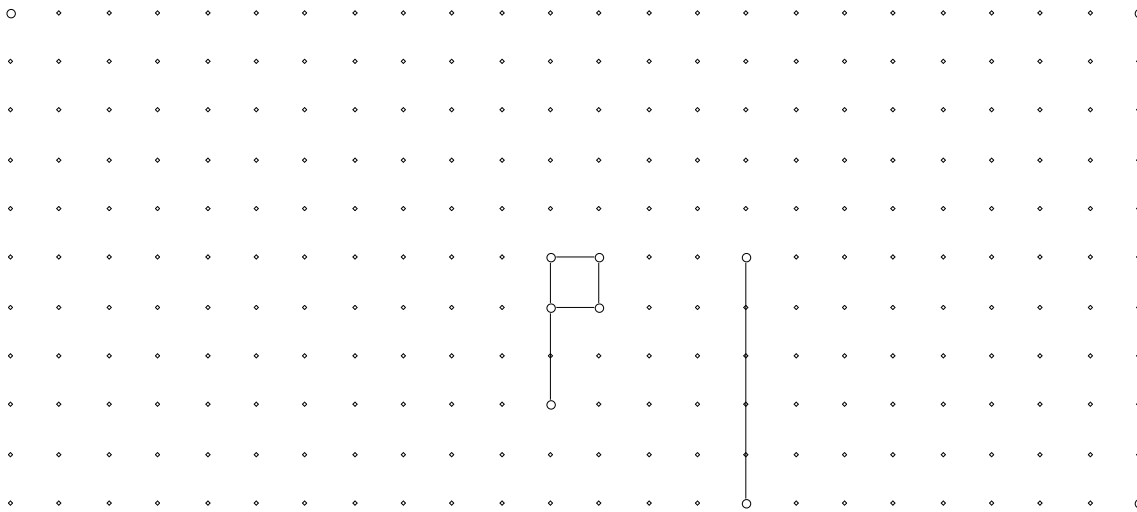
Please note that P' is the image of the point P after the first transformation

6.a. Show the final image of the flag after :
first reflecting across the line, and then rotating
 90° around point P'

6b. Show the final image of the flag after first
rotating -90° about the point P , and then reflecting
across the line



6b. Show the final image of the flag after first reflecting across the line, and then rotating 90° around point P at the base of the original flag (not P').



7. Describe with no more than 3 steps how to get from triangle A to triangle B:

