

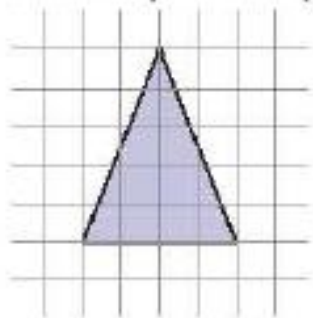
Copy each shape on grid paper. Use tracing paper.

Translate the shape using the given translation.

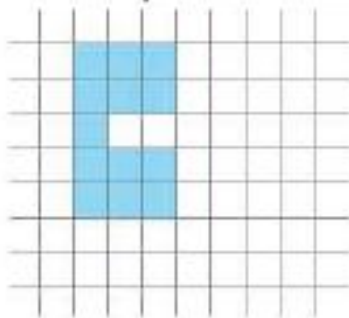
Draw the image and a translation arrow.

Describe the position and orientation of the image.

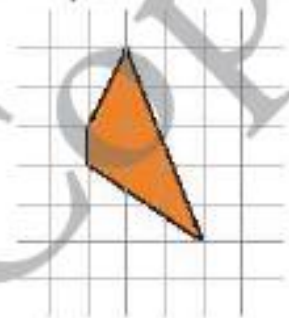
a) 7 squares left
and 3 squares up



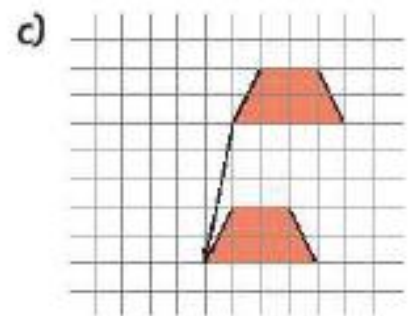
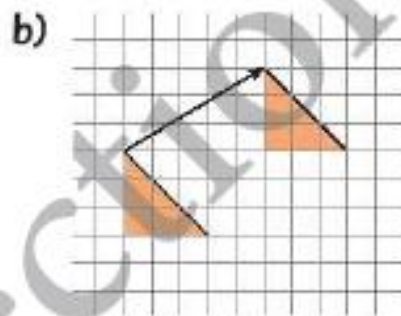
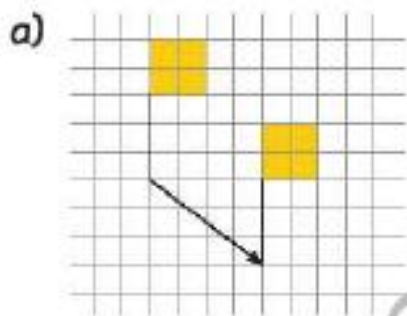
b) 5 squares right
and 4 squares down



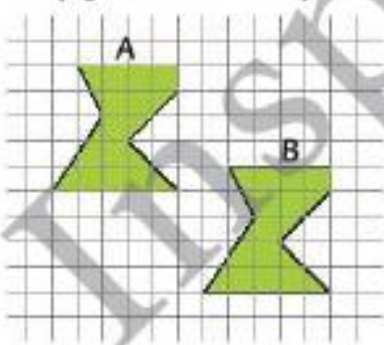
c) 3 squares left and
6 squares down



Write the translation that moved each shape to its image.



Copy these shapes on grid paper.



a) Describe which translation moves shape A to shape B.

b) Describe which translation moves shape B to shape A.