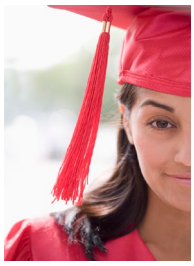
# TRANSFORMATIONS
## SKILLS QUESTIONS
## REFLECTIONS



Q1. Have you ever noticed how symmetrical faces are? In this activity, you will draw the other half of a face.

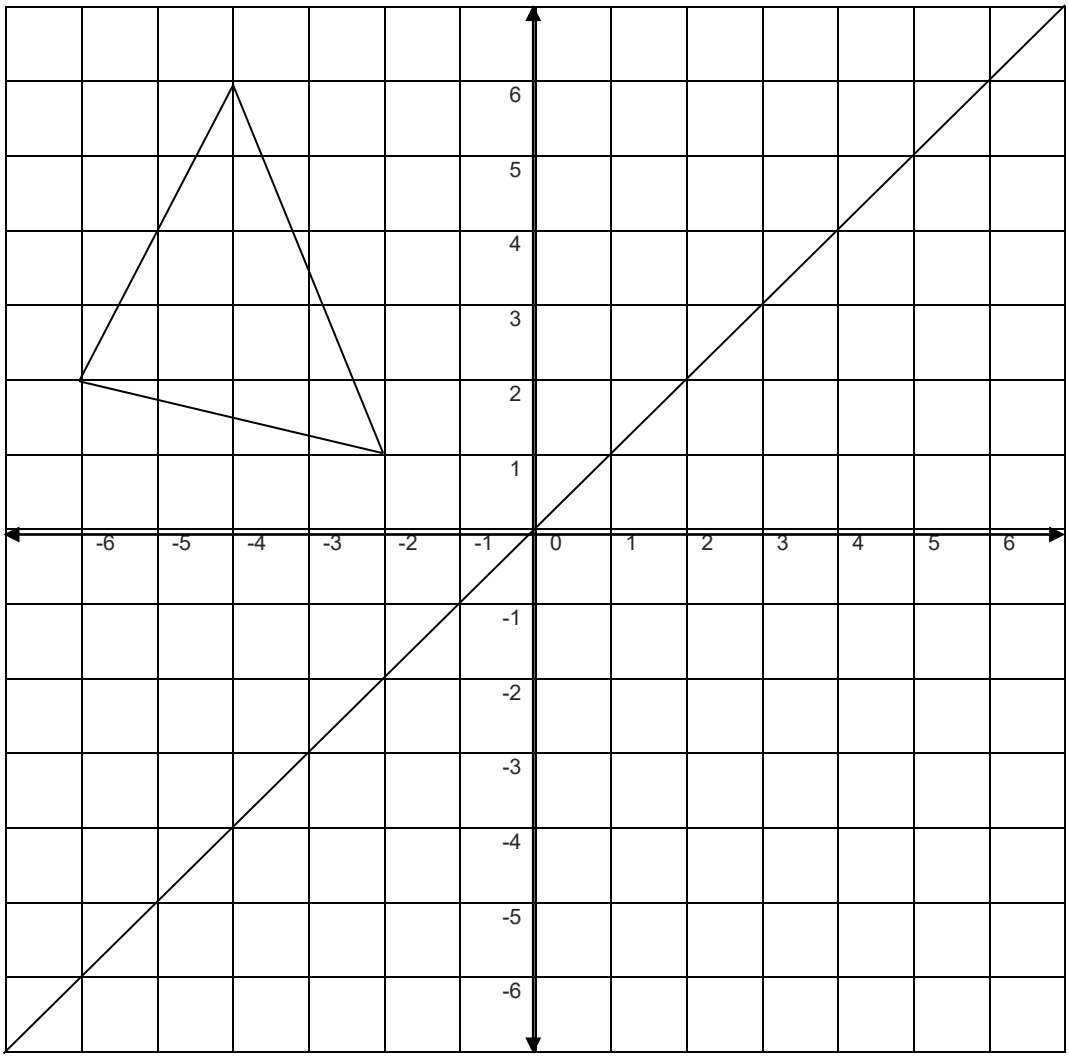
REQUIREMENTS
Printed image of a face, paper, pencil, ruler, scissors, glue

INSTRUCTIONS

- From a magazine or from the internet, choose an image of a face.
- Cut it out.
- Draw a line of symmetry down the middle of the face.
- Cut half and glue it a one side of a sheet of paper.
- Draw the other half.

Q2. Imagine the line under the words “carbon dioxide” is a mirror. Draw the reflection of all the capital (upper case) letters below the line. What do you notice?

CARBON DIOXIDE




Q3. Imagine that the x-axis is a mirror. Draw a reflection of the triangle. Label the points of the new triangle.

Q4. Imagine that the y-axis is a mirror. Draw a reflection of the original triangle. Label the points of the new triangle.

Q5. Imagine that the diagonal line y=x is a mirror. Draw a reflection of the original triangle. Label the points of the new triangle.