

Symmetry in Nature

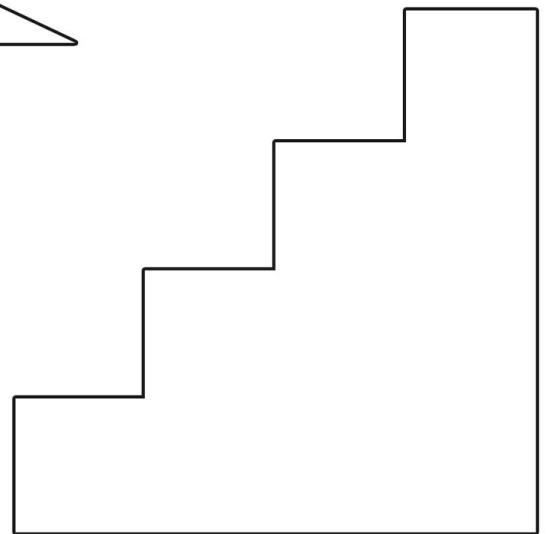
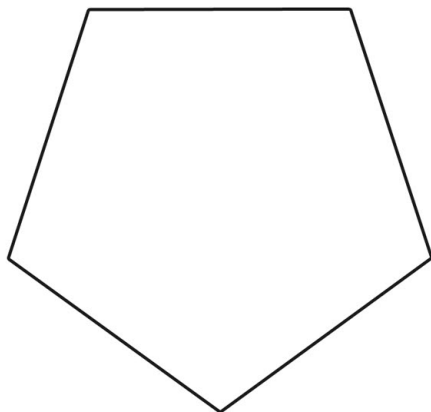
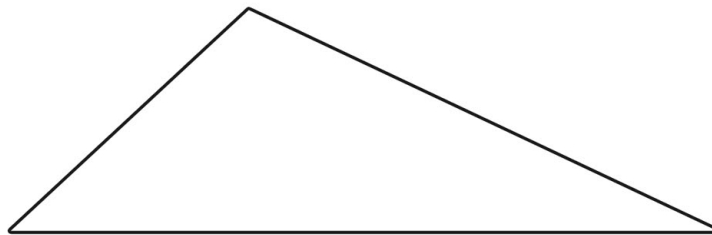
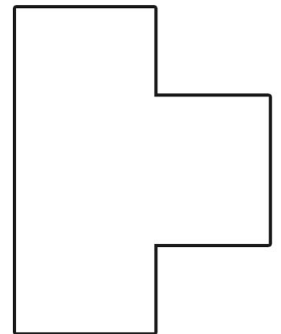
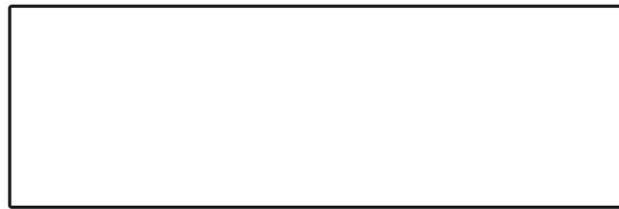
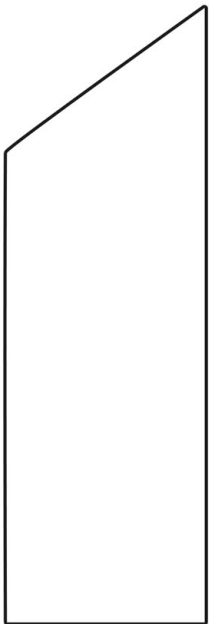
Geometry and Spatial Sense

1. What does it mean if something is symmetrical?

2. Can you think of things that are symmetrical?

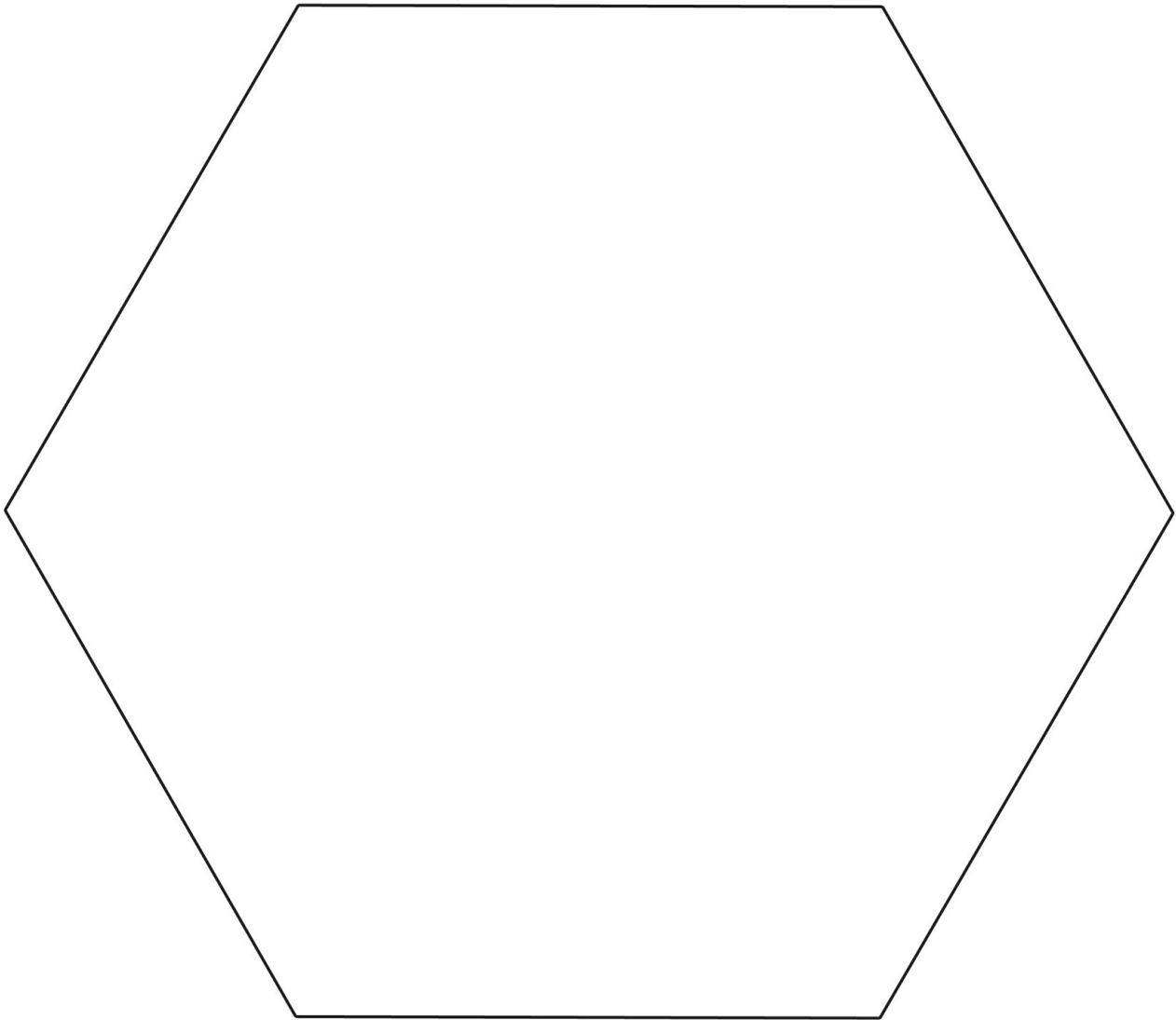
3. Draw the lines of symmetry on each shape below.

How many lines of symmetry does each shape have?



4. How many lines of symmetry are there in the shape below?

Draw all the lines of symmetry.



Symmetry in Nature

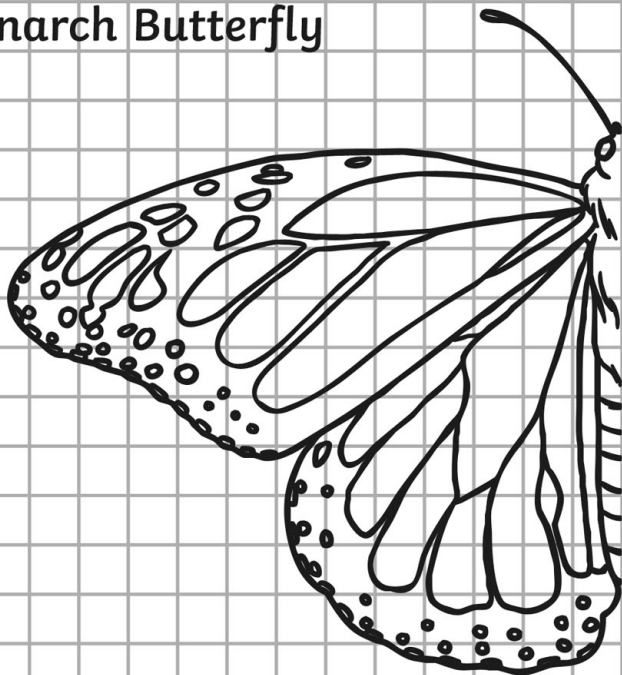
Geometry and Spatial Sense

Canada's wilderness is full of objects with two mirror-image halves and line(s) of symmetry. Try drawing the other half (reflection) of the following items, using a variety of tools (e.g. grid paper) and strategies (e.g. paper folding). Colour in the picture after you are done.

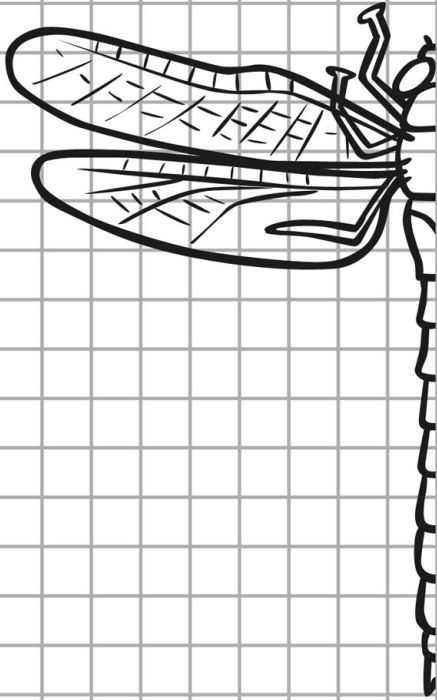
Maple Leaf



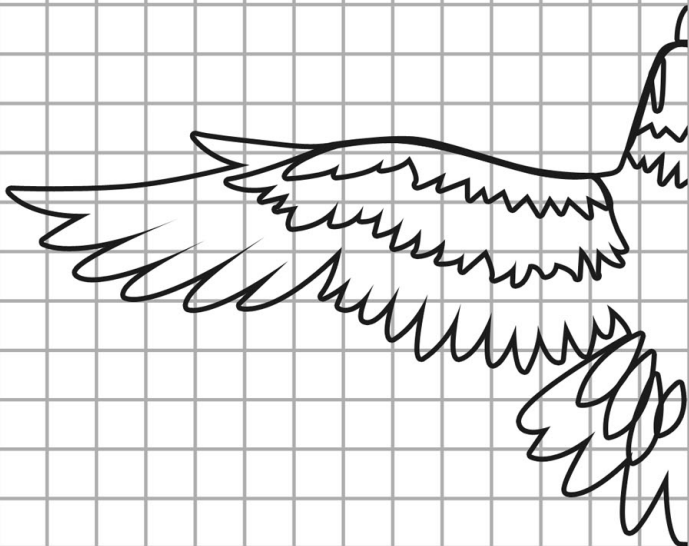
Monarch Butterfly



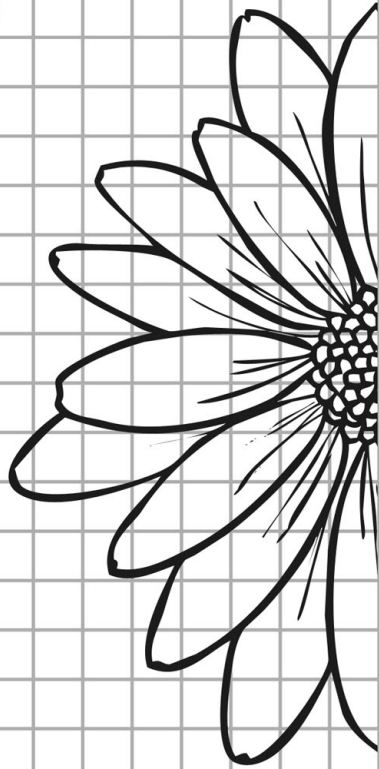
Dragonfly



Bird in Flight



Flower (Daisy)



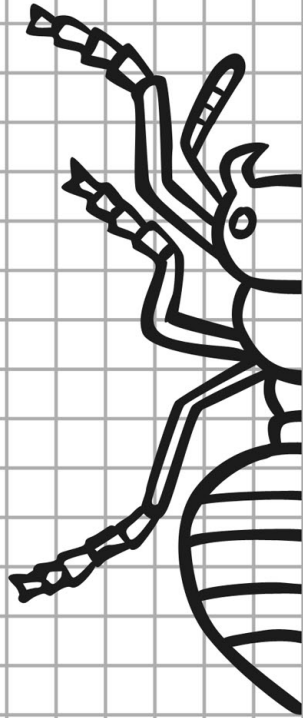
Beetle



Symmetry in Nature

Geometry and Spatial Sense

Ant



Try drawing your own item from nature, that has at least one line of symmetry. Indicate the mirror line on your drawing:

