1
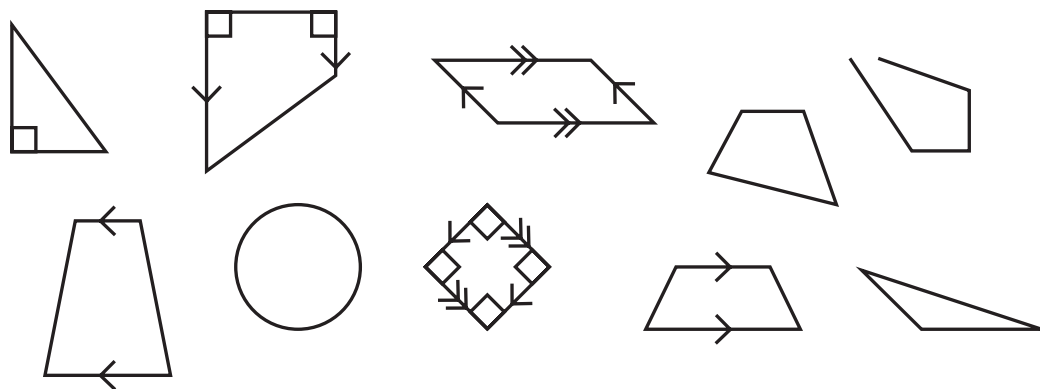
Name
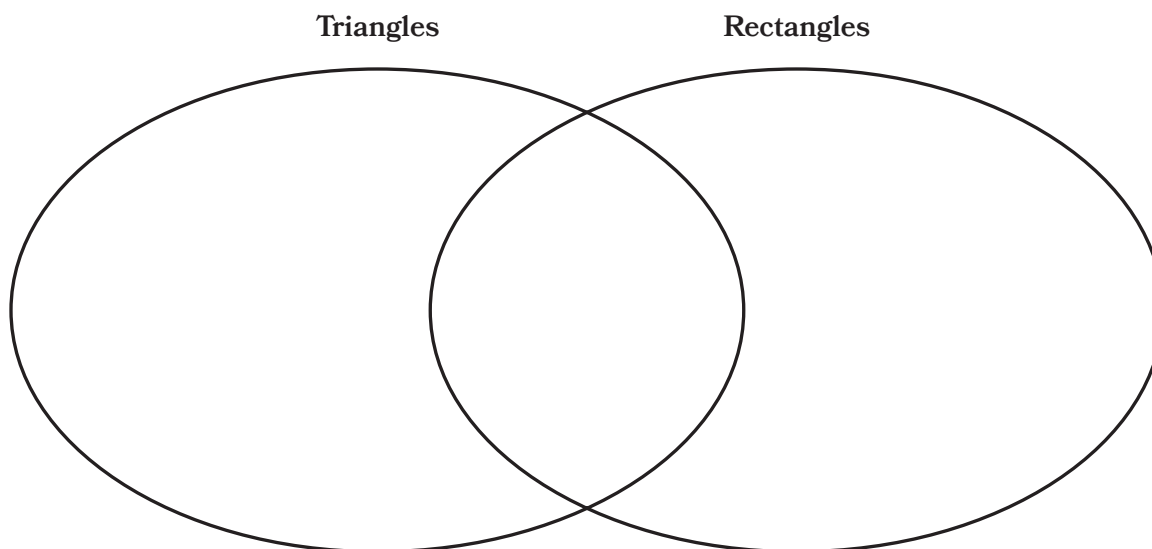
Date

1. Consider the two-dimensional figures shown to complete parts (a)–(c).
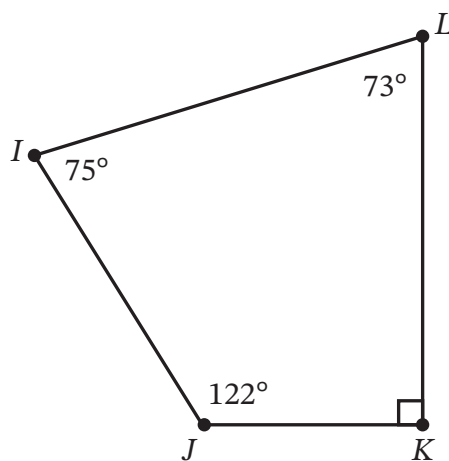

a. Circle each two-dimensional figure that is a polygon.

b. Use blue to color each polygon that is a triangle.

c. Use red to color each polygon that is a quadrilateral.

2. Complete the Venn diagram by writing properties of the figures in the correct section.

Triangles   Rectangles

3. Circle each name that correctly describes the figure.

| Two-dimensional figure | Three-dimensional figure | Quadrilateral | Polygon | Triangle | Non-polygon |

4. Leo made a hierarchy to classify some living things.

Living Things

Plants   Animals

Trees   Mosses   Mammals   Birds

Pines   Maples   Penguins   Seagulls
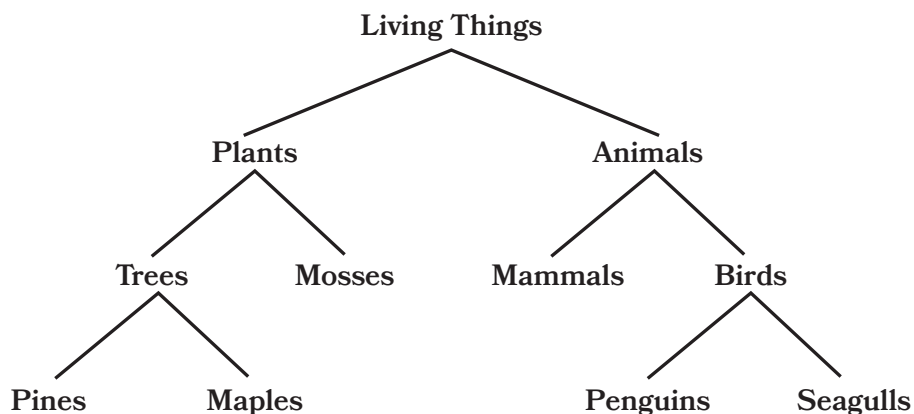
a. Circle whether the statements are true or false.

All maples are trees.	True	False
All trees are maples.	True	False
All living things are animals.	True	False
All seagulls are animals.	True	False
All plants use the sun to make energy, so all mosses use the sun to make energy.	True	False
All birds lay eggs, so all penguins lay eggs.	True	False

b. All birds have exactly two legs. Does that mean that all animals have exactly two legs? Explain.

5. Sasha says that all quadrilaterals are polygons. Ryan says that all polygons are quadrilaterals. Who is correct? Explain.