

Categories of Two-Dimensional Figures

Name: _____

- 1** Draw a flow chart to show the hierarchy of the terms below.

Parallelograms, Polygons, Quadrilaterals, Squares

Write *All*, *Some*, or *No* to make each statement true.

_____ parallelograms have 2 pairs of parallel sides.

_____ quadrilaterals have 2 pairs of parallel sides.

- 2** Draw a Venn diagram to show the hierarchy of the terms below.

Parallelograms, Polygons, Rectangles, Squares

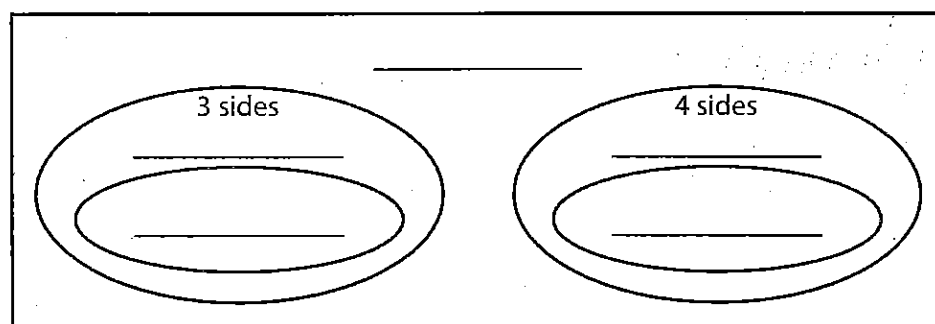
Write *All*, *Some*, or *No* to make each statement true.

_____ parallelograms have 4 sides of equal length.

_____ rectangles have 4 right angles.

- 3** Complete the Venn diagram to show the hierarchy of the terms below.

Polygons, Quadrilaterals, Rectangles, Right Triangles, Triangles



Write *All*, *Some*, or *No* to make each statement true.

_____ polygons have 4 sides.

_____ quadrilaterals have 3 sides.

_____ right triangles have 3 sides.

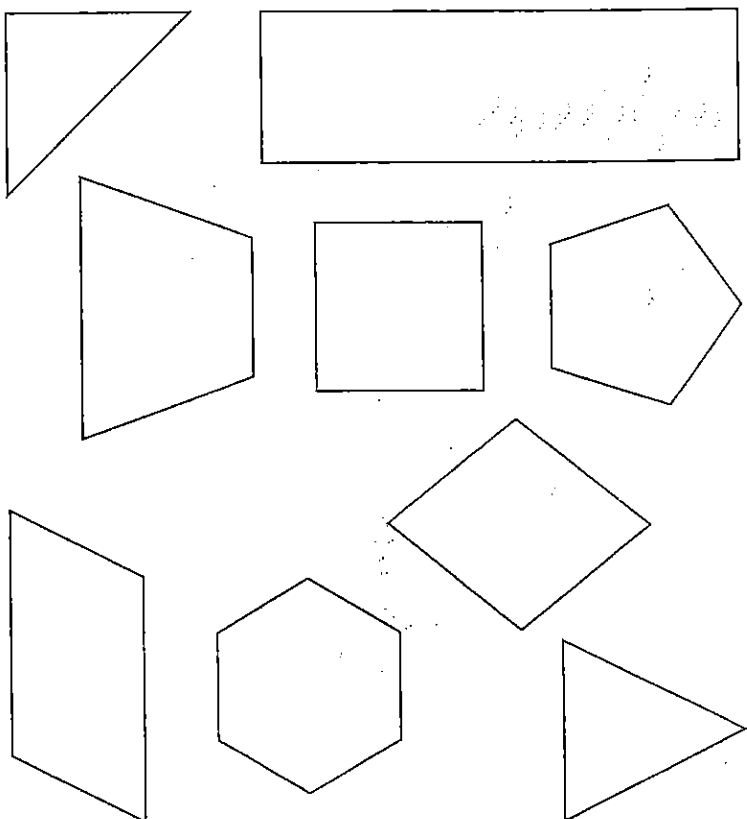
- 4** How does drawing a Venn diagram help you understand relationships among figures?

Name _____

Literacy Connection: Informational Text

"The Night the Martians Landed": Classify Two-Dimensional Figures

Nicole is sorting shapes for a school project while listening to the radio. She hears about a Martian landing. Frightened, Nicole runs from the table, scattering all her shapes onto the floor. After finding out the broadcast is a hoax, Nicole returns to the kitchen to continue working on her project. First, she needs to reorganize the scattered shapes. Use a Venn diagram or flow chart to show one way Nicole can classify the shapes according to their attributes. Write a brief paragraph explaining your diagram.



Grade 5 Unit 4 Literacy Connection

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The Night the Martians Landed

by Scott Carey

1 October 30, 1938, was perhaps the most frightening night that thousands of Americans would ever experience. It was the night that the science fiction novel *The War of the Worlds* was presented in the form of a radio news broadcast.

2 Orson Welles, who would later become a famous movie actor and director, made the broadcast from a studio in New York City. The story was about Martians invading the Earth. Before the program began, Welles explained that the "news broadcast" was fiction. But many listeners tuned in late. Therefore, they missed Welles's explanation that this was a radio play. As a result, thousands of people thought that the Earth was really being invaded by Martians!

3 As people listened, some began to panic because the broadcast seemed real. Some people called their friends and relatives to warn them. Others alerted local police stations to the danger. Still others reportedly ran out into the streets, into parks, and into their cars, hoping to escape the "invasion." Newspapers reported huge traffic jams and overloaded telephone lines. It was a terrifying night for both citizens and police alike.

4 The next day, the newspapers told of the "fake" news broadcast. The headlines claimed that thousands of people had heard and believed it—but none of it was true.

Grade 5 Unit 4 Literacy Connection
Photography: ©Chris Babin/Alamy

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Name _____

Literacy Connection: Informational Text continued

Draw your Venn diagram or flow chart here:

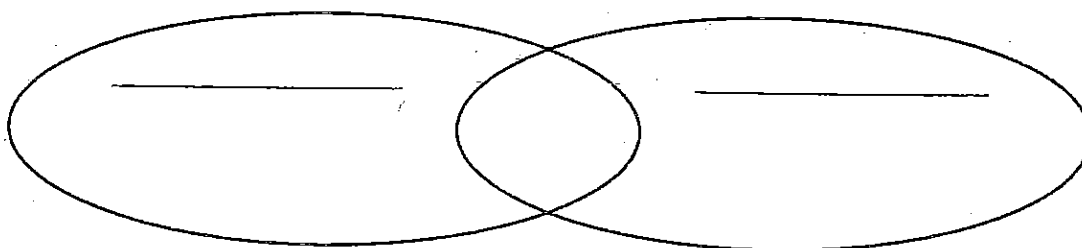
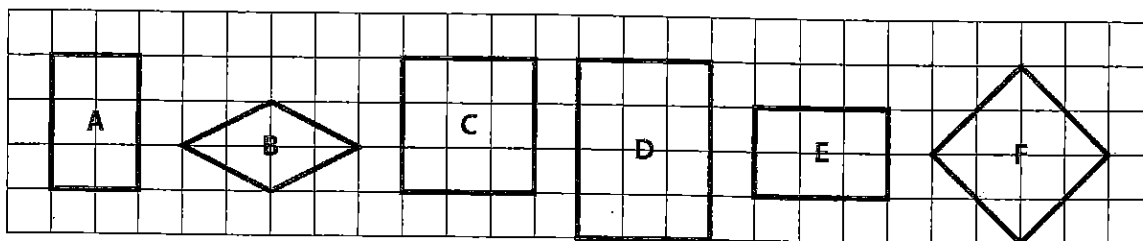
Explain how you classified the shapes.

Classifying Two-Dimensional Figures

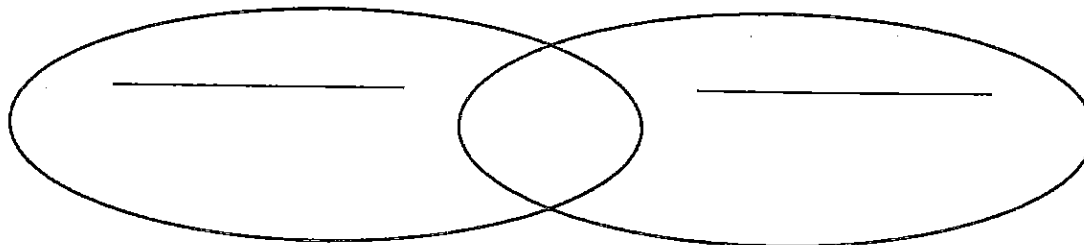
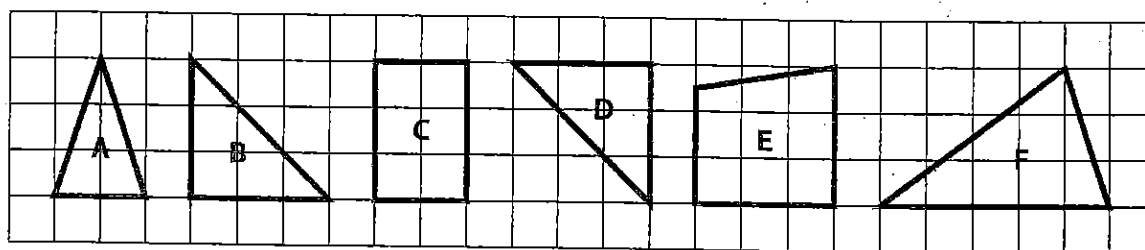
Name: _____

Sort the shapes into the Venn diagram, based on given attributes. Write category labels for the two ovals. Then write the letter of each shape correctly in the diagram.

- 1** Attributes: 4 right angles, 4 sides of equal length



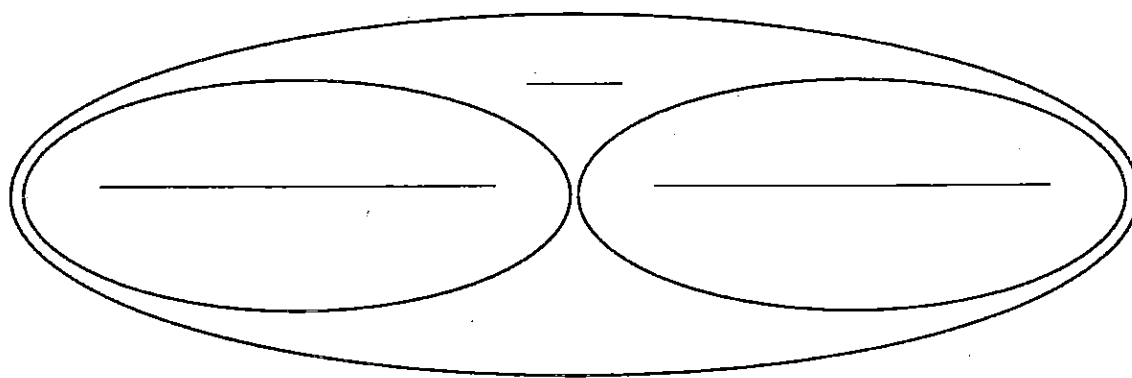
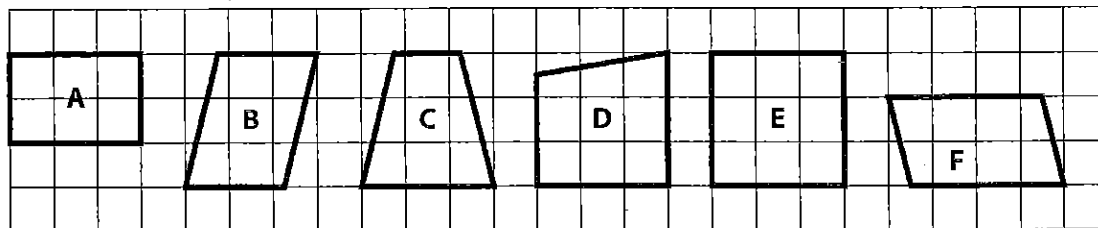
- 2** Attributes: 3 sides, at least 1 right angle



Classifying Two-Dimensional Figures *continued*

Name: _____

- 3** Attributes: 4 sides, exactly 1 pair of parallel sides, 2 pairs of parallel sides

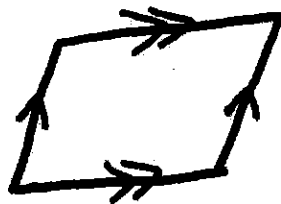


- 4** What does it mean when a shape is in the intersection of two ovals of a Venn diagram?

Special Quadrilaterals: Defining Attributes

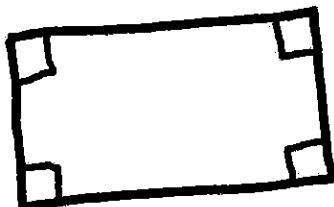
Name	Shape	Defining Attribute
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parallelogram



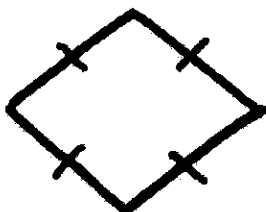
A quadrilateral with opposite sides that are parallel.

rectangle



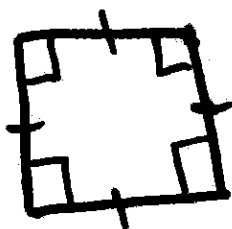
A quadrilateral with 4 right angles.

rhombus



A quadrilateral with All sides the same length.

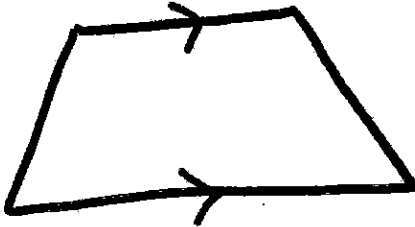
square



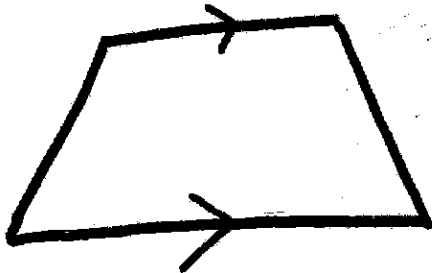
A quadrilateral with 4 right angles and all sides the same length. (congruent)

Special Quadrilaterals: Defining Attributes

(continued...)

Name	Shape	Defining Attributes
trapezoid (exclusive)		A quadrilateral with <u>exactly</u> <u>1</u> pair of parallel sides

or

trapezoid (inclusive)		A quadrilateral with <u>at least 1</u> pair of parallel sides.
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Super-Journal Week 3:10

Every night, you should be reading at least 30 minutes of whatever book you have checked out from your assigned reading list. Tape or glue (but do not staple) this sheet into your Super-Journal on the left-side page. Fill in the table below *every day* by recording the required data.

Day	Title	Start Pg.	End Pg.	Parent Sign.
Monday				
Tuesday				
Wednesday				
Thursday				
Friday				
Saturday				
Sunday				

On the right-side page of your Super-Journal, answer one of the questions below throughout the week. Be sure that the questions you choose to answer go with the appropriate type of book (Fiction or Nonfiction). The Super-Journal is due on the first day after the weekend (usually Monday). This will be due the Monday we get back from Spring Break.

FICTION

- You will be making 7 whole page illustrations based off of 7 separate quotes from your reading. Each illustration should take an entire page and be colorful. Make sure that you write the quote, and the page number you got your quote from at the bottom of each colorful illustration in order to receive credit for your work.

NONFICTION

- What is this text about?
- Summarize the main ideas in 5 sentences.

RL.3.7/RI.1.2

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