**Quadrilateral Project**

Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Your Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions:** This project will be done in groups of 1, 2, or 3 students. All names must be listed on this paper and on each paper in the packet. Complete each of the three sections about each quadrilateral. You will be graded on completeness, correctness, and neatness. After completing the information on the 6 quadrilaterals, complete Part II. Hand in the entire packet before or on the due date. Late projects will lose 10 points.

**Grading:**

**Part I Points Possible Your score**

Parallelogram (14 points) \_\_\_\_\_\_\_\_

Rectangle (14 points) \_\_\_\_\_\_\_\_

Rhombus (14 points) \_\_\_\_\_\_\_\_

Square (14 points) \_\_\_\_\_\_\_\_

Trapezoid (14 points) \_\_\_\_\_\_\_\_

Kite (14 points) \_\_\_\_\_\_\_\_

**Part II**

Story, Song, Poem, or essay (16 points) \_\_\_\_\_\_\_\_\_

**Grand Total Grade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Special Quadrilaterals** – **Parallelogram**

**Section 1:** List all the properties of a **parallelogram.**

**Section 2**: Using a ruler, protractor, pencil, and colored pencils, **construct a parallelogram** and correctly label **ALL** the properties of a **parallelogram**.

**Section 3: Real-life example**

Find and **attach** a copy of a photo or picture that shows an example of an actual object that is a parallelogram or has a parallelogram in it**. Identify** the parallelogram **by outlining** it with a marker. Below the picture, **describe** the parallelogram’s use in the real-life situation **and explain** how you know it is a parallelogram.

**Special Quadrilaterals** – **Rectangle**

**Section 1:** List all the properties of a **rectangle.**

**Section 2**: Using a ruler, protractor, pencil, and colored pencils, **construct a rectangle** and correctly label **ALL** the properties of a **rectangle**.

**Section 3: Real-life example**

Find and **attach** a copy of a photo or picture that shows an example of an actual object that is a rectangle or has a rectangle in it**. Identify** the rectangle **by outlining** it with a marker. Below the picture, **describe** the rectangle’s use in the real-life situation **and explain** how you know it is a rectangle.

**Special Quadrilaterals** – **Rhombus**

**Section 1:** List all the properties of a **rhombus.**

**Section 2**: Using a ruler, protractor, pencil, and colored pencils, **construct a rhombus** and correctly label **ALL** the properties of a **rhombus**.

**Section 3: Real-life example**

Find and **attach** a copy of a photo or picture that shows an example of an actual object that is a rhombus or has a rhombus in it**. Identify** the rhombus **by outlining** it with a marker. Below the picture, **describe** the rhombus’s use in the real-life situation **and explain** how you know it is a rhombus.

**Special Quadrilaterals** – **Square**

**Section 1:** List all the properties of a **square.**

**Section 2**: Using a ruler, protractor, pencil, and colored pencils, **construct a square** and correctly label **ALL** the properties of a **square**.

**Section 3: Real-life example**

Find and **attach** a copy of a photo or picture that shows an example of an actual object that is a square or has a square in it**. Identify** the square **by outlining** it with a marker. Below the picture, **describe** the square’s use in the real-life situation **and explain** how you know it is a square.

**Special Quadrilaterals** – **Trapezoid**

**Section 1:** List all the properties of a **trapezoid.**

**Section 2**: Using a ruler, protractor, pencil, and colored pencils, **construct a trapezoid** and correctly label **ALL** the properties of a **trapezoid**.

**Section 3: Real-life example**

Find and **attach** a copy of a photo or picture that shows an example of an actual object that is a trapezoid or has a trapezoid in it**. Identify** the trapezoid **by outlining** it with a marker. Below the picture, **describe** the trapezoid’s use in the real-life situation **and explain** how you know it is a trapezoid.

**Special Quadrilaterals** – **Kite**

**Section 1:** List all the properties of a **kite.**

**Section 2**: Using a ruler, protractor, pencil, and colored pencils, **construct a kite** and correctly label **ALL** the properties of a **kite**.

**Section 3: Real-life example**

Find and **attach** a copy of a photo or picture that shows an example of an actual object that is a kite or has a kite in it**. Identify** the kite **by outlining** it with a marker. Below the picture, **describe** the kite’s use in the real-life situation **and explain** how you know it is a kite.

**Part II**

**Write a story, song, poem, or essay on-** The similarities and differences of the 6 quadrilaterals.