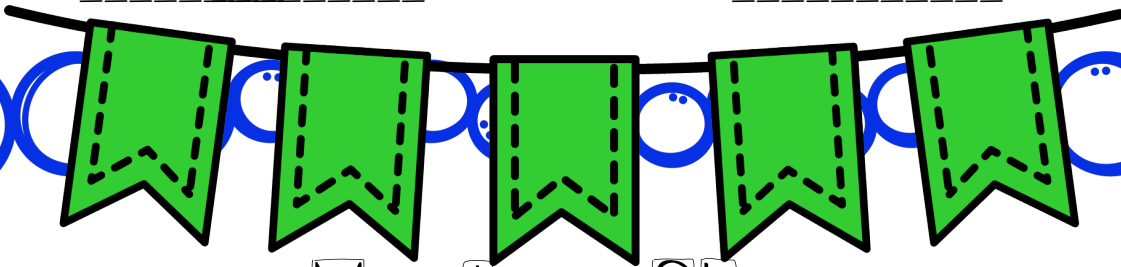


Name _____

Date _____



Mystery Shape

Zoe has a shape with opposite sides parallel and opposite sides equal. The shape is a quadrilateral, but not all sides are equal. The shape has no right angles. Below is a list of possible shapes. Use your knowledge about each shape's attributes to organize all of the shapes into columns. Explain why each shape belongs in its location.

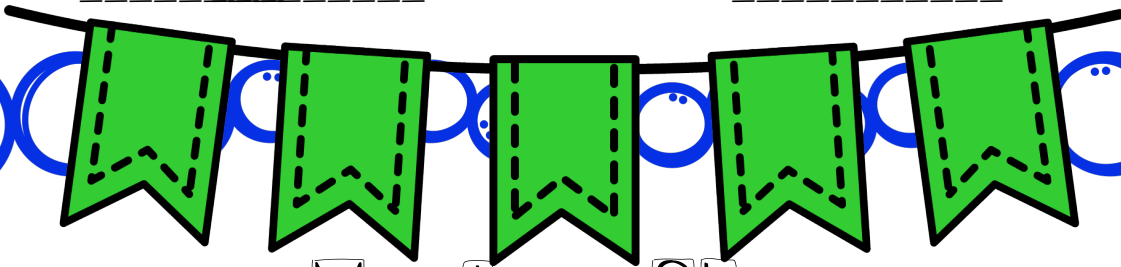
Hexagon, triangle, parallelogram, square, pentagon, rectangle, trapezoid, octagon, rhombus

The first one has been done for you.

Not a Quadrilateral	Quadrilaterals that could NOT be Zoe's Shape.	Quadrilaterals that COULD be Zoe's shape.
Triangle - has 3 sides		

Name _____

Date _____



Mystery Shape

KEY

Zoe has a shape with opposite sides parallel and opposite sides equal. The shape is a quadrilateral, but not all sides are equal. The shape has no right angles. Below is a list of possible shapes. Use your knowledge about each shape's attributes to organize all of the shapes into columns. Explain why each shape belongs in its location.

Hexagon, triangle, parallelogram, square, pentagon, rectangle, trapezoid, octagon, rhombus

Not a Quadrilateral	Quadrilaterals that could NOT be Zoe's Shape.	Quadrilaterals that COULD be Zoe's shape.
triangle - has 3 sides	square- all sides are equal and has right angles	parallelogram- opposite sides are equal and parallel; does not have to have right angles
hexagon - has 6 sides	rectangle- has right angles	
pentagon- has 5 sides	rhombus- all sides are equal	
octagon- has 8 sides	trapezoid- not all opposite sides are parallel	