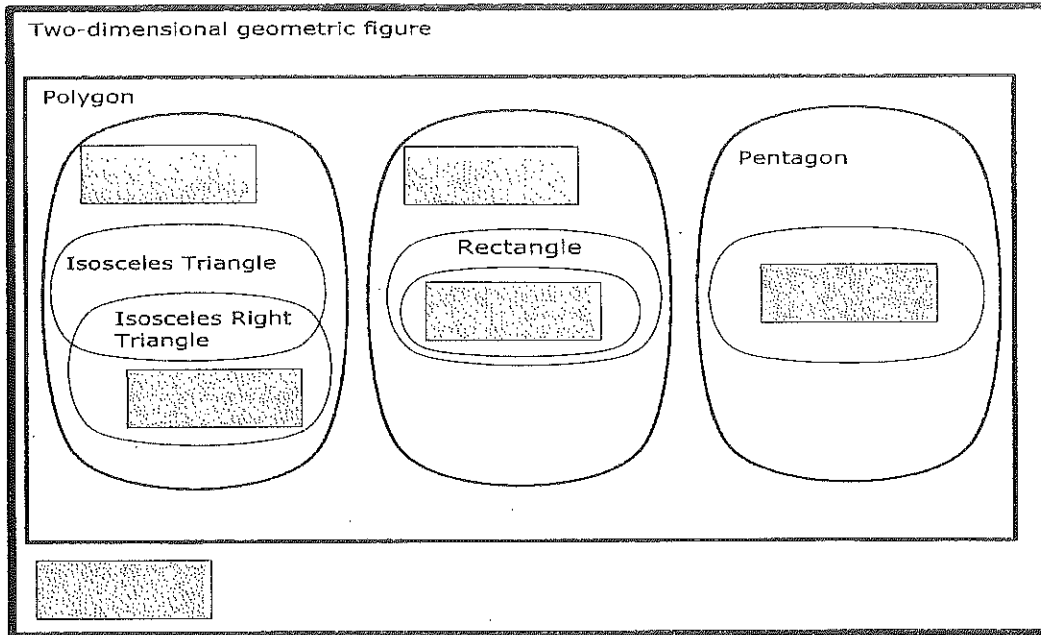


Classifying 2-D Shapes Practice.

Name: _____

1

Read the Sets and Subsets Information Card. Cut along the dotted lines and place the terms in the appropriate shaded rectangle on the nested graphic organizer.



Choose from these words: triangle, trapezoid, isosceles triangle, regular pentagon, rectangle, quadrilateral, right triangle, square, circle, parallelogram, other

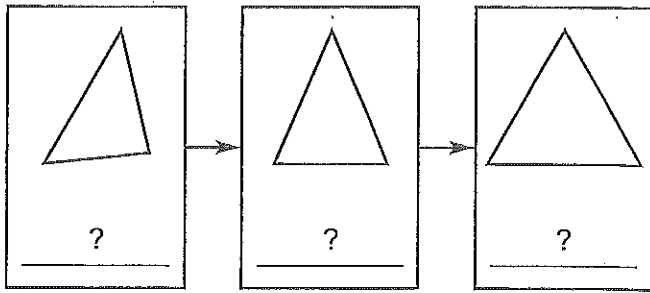
2

Use the examples and non-example provided to classify each type of triangle.

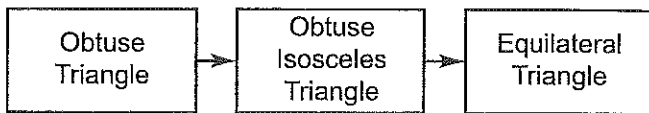
Isosceles Triangles			
Examples	Non-Example	Is it Isosceles?	Justification
Scalene Triangles			
Examples	Non-Example	Is it Scalene?	Justification
Equilateral Triangles			
Examples	Non-Example	Is it Equilateral?	Justification

3

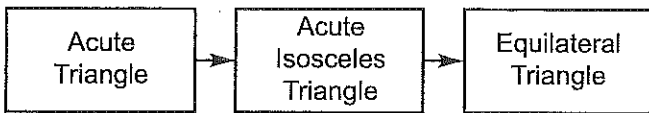
Which of the following shows the correct way to label the diagram below?



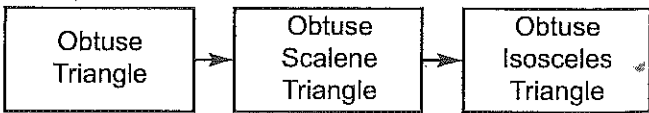
A



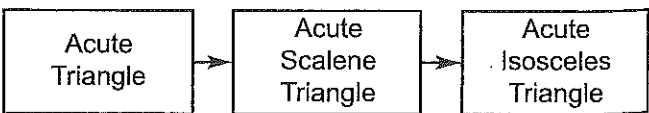
B



C

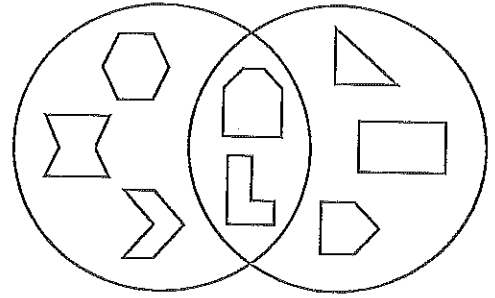


D



4

Shapes are sorted into a Venn diagram below based on attributes.

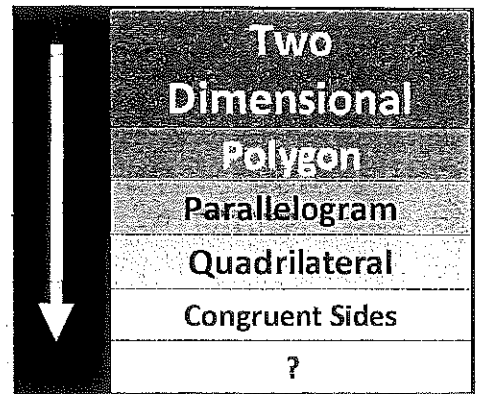


Which titles describe the circles of the Venn diagram?

- F. Polygons and Quadrilaterals
- G. Hexagons and Symmetrical Figures
- H. Pentagons and Triangles
- J. Hexagons and Figures with At Least One Right Angle

5

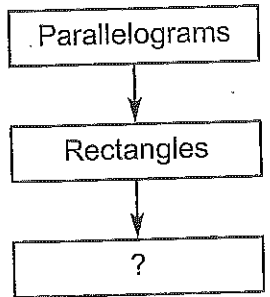
Which figure is described by the geometry model below?



- F. Trapezoid
- G. Rhombus
- H. Rectangle
- I. Equilateral triangle

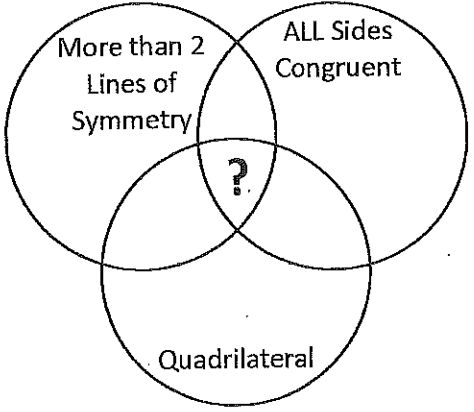
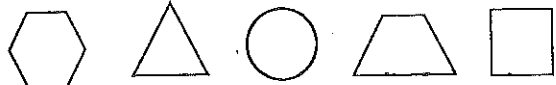
6

Which word correctly completes the chart below?



7

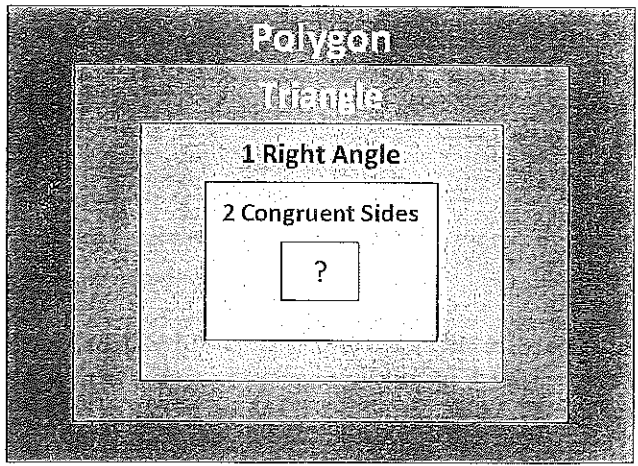
Five shapes will be sorted according to the Venn diagram attributes. Which shape would be placed in the center of the diagram?



- A. Trapezoid
- B. Square
- C. Hexagon
- D. Triangle

8

A model is shown below.

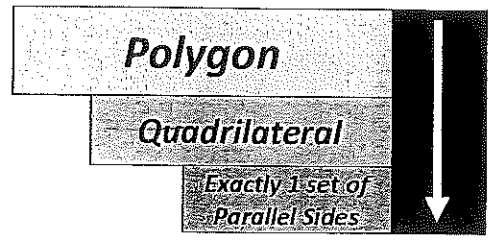


Which figure has all attributes shown in the diagram?

- A. Acute triangle
- B. Right isosceles triangle
- C. Right scalene triangle
- D. Right equilateral triangle

9

A geometry model is shown below.

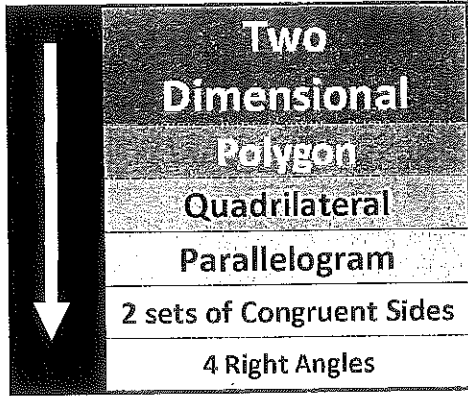


Which figure is described by this model?

- A. Trapezoid
- B. Parallelogram
- C. Rhombus
- D. Rectangle

10.

A geometry model is shown below.

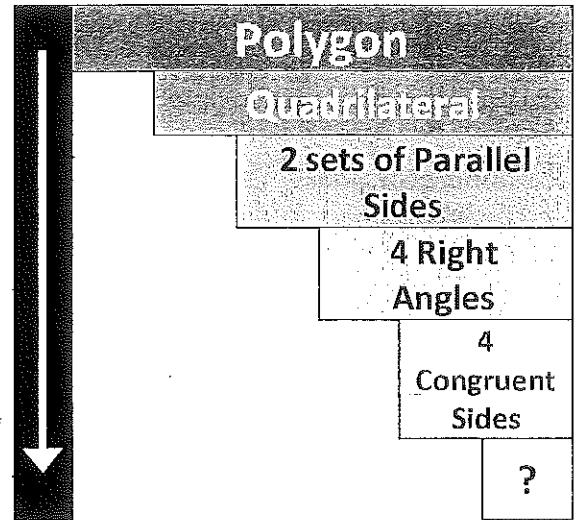


Which figure is described by this model?

- A. Trapezoid
- B. Parallelogram
- C. Regular Pentagon
- D. Rectangle

11.

Which figure is described by the geometry model below?



- F. Rhombus
- G. Trapezoid
- H. Square
- J. Equilateral triangle

* Label each question T for true and F for false.

- A parallelogram is always a square.
- A square is never a rectangle.
- A rhombus is always a square.
- A trapezoid is the only parallelogram.
- A parallelogram has two set of opposite sides.
- A rectangle has four right angles.
- A rhombus always has four equal angles.
- The sum of the interior angles of a quadrilateral is 360.