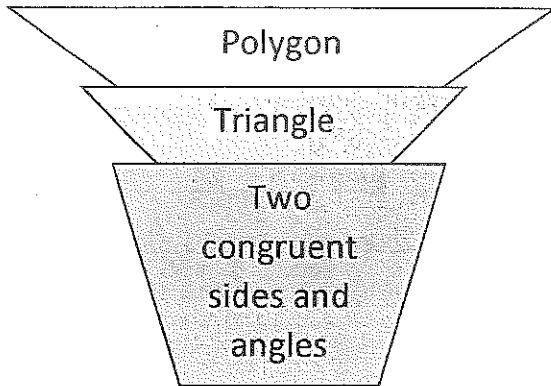


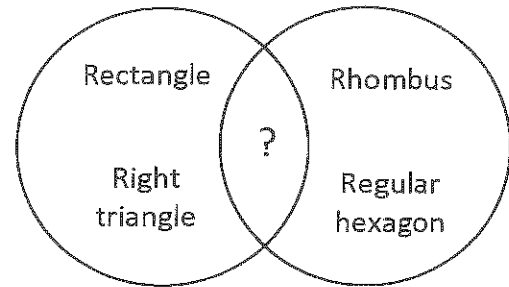
5.5A **classify** two-dimensional figures in a hierarchy of sets and subsets using graphic organizers based on their attributes and properties.

1. Which figure is described by the geometry model below?



- A. Scalene triangle
- B. Obtuse triangle
- C. Isosceles triangle
- D. Equilateral triangle

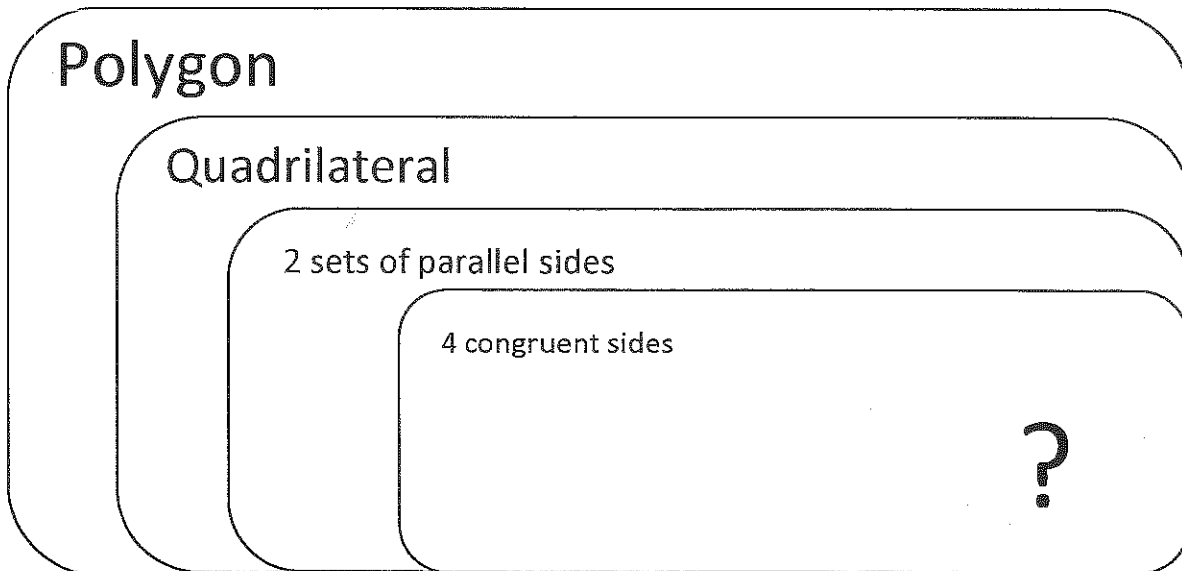
2. A Venn diagram is shown below.



Which polygon would belong in the intersection of the two circles?

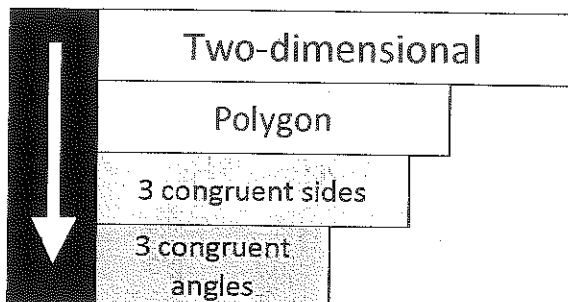
- F. Square
- G. Quadrilateral
- H. Isosceles triangle
- J. Octagon

3. A model is shown below. Which figure has all of the attributes shown in the diagram?



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

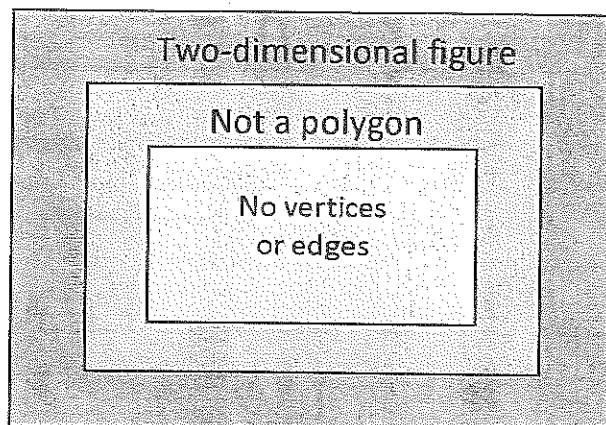
4. A geometry model is shown below.



Which figure is described by this model?

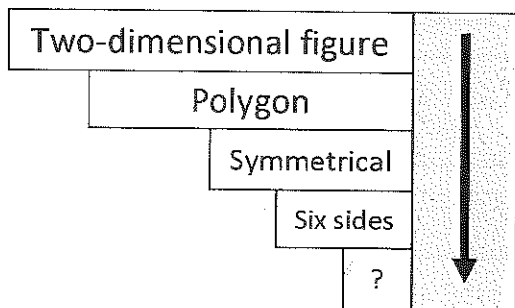
- F. Acute isosceles triangle
- G. Acute equilateral triangle
- H. Right equilateral triangle
- J. Obtuse scalene triangle

5. Which figure is described by the geometry model below?



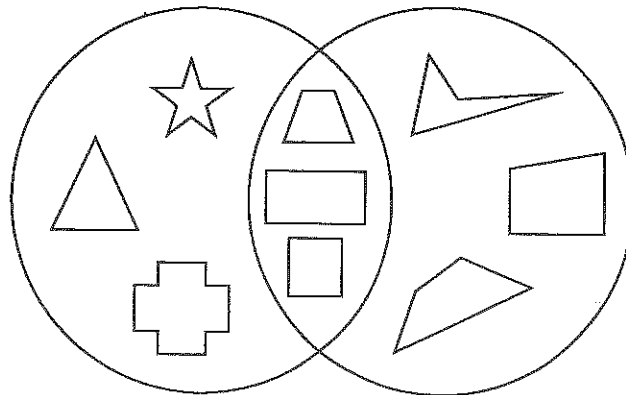
- A. Circle
- B. Ray
- C. Point
- D. Face

6. Which figure is described by the geometry model below?



- F. Regular pentagon
- G. Square
- H. Regular hexagon
- J. Circle

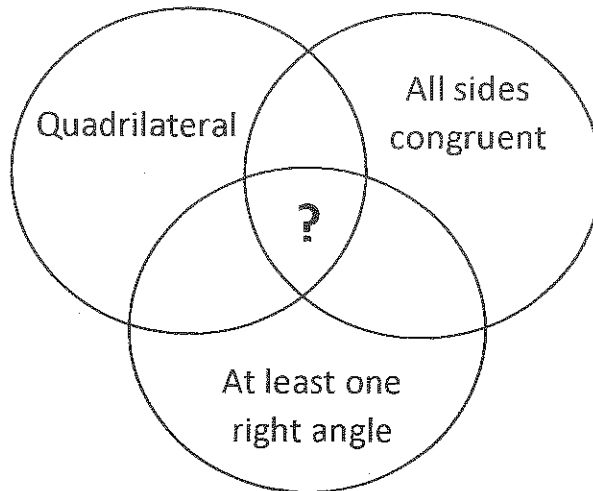
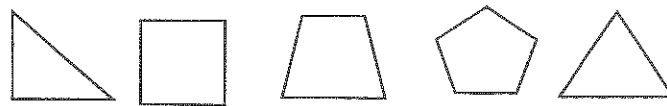
7. Shapes are sorted into a Venn diagram below.



Which titles best describe the circles in the Venn diagram?

- A. Two-Dimensional Figures *and* Hexagons
- B. Symmetrical Figures *and* Quadrilaterals
- C. Polygons *and* Pentagons
- D. Quadrilaterals *and* Irregular Figures

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



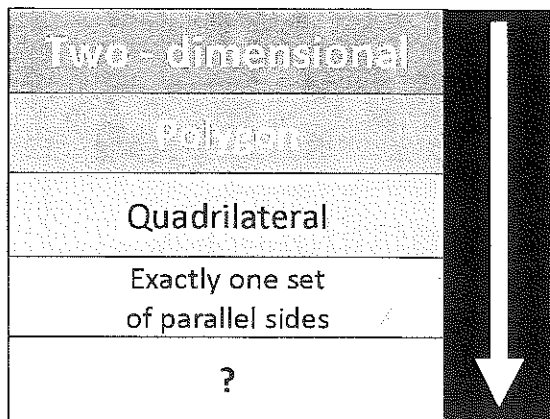
F. Pentagon

G. Right Triangle

H. Trapezoid

J. Square

9. Which figure is described by the geometry model below?



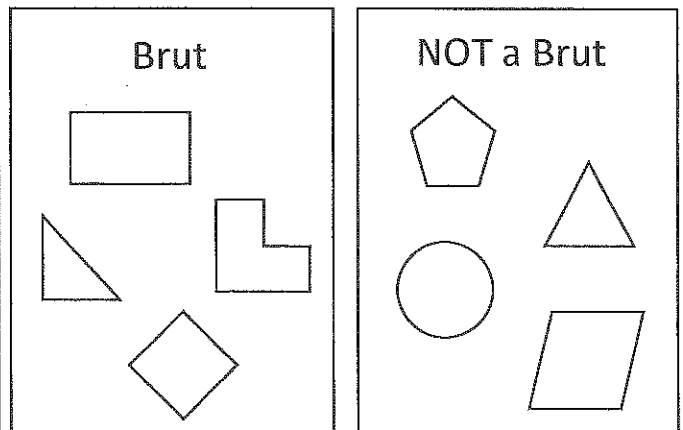
A. Rhombus

B. Square

C. Triangle

D. Trapezoid

10. Two sets are shown below.



Which figure below is considered a Brut and why?

F. because it has one set of parallel lines.

G. because it has acute angles.

H. because it has at least one right angle.

J. because it is a polygon.