1. Which words describe this shape? Mark all that apply.

   (A) polygon

    (B) hexagon

    (C) open shape

    (D) quadrilateral
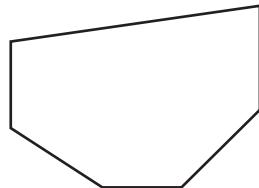
2. Sam drew one side of a rhombus with at least 1 right angle. Draw the other 3 sides to complete Sam's shape.
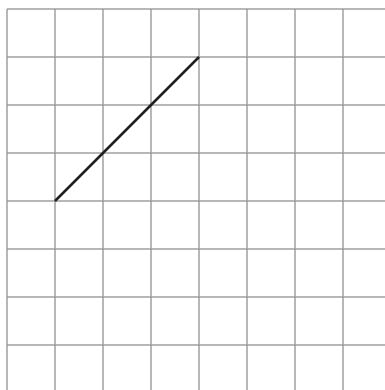
3. Louie has a stamp with this shape.
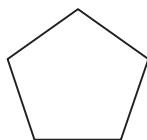
For numbers 3a–3d, select True or False for each statement about the shape.

3a. The shape has no right angles.   ○ True   ○ False

3b. The shape has 5 angles greater than a right angle.   ○ True   ○ False

3c. The shape has 2 angles less than a right angle.   ○ True   ○ False

3d. The shape has 1 right angle.   ○ True   ○ False

GO ON

4. Jane used a Venn diagram to sort shapes.

Part A

Draw a plane shape that belongs inside the overlap region of the diagram.

Polygons with Right Angles Quadrilaterals
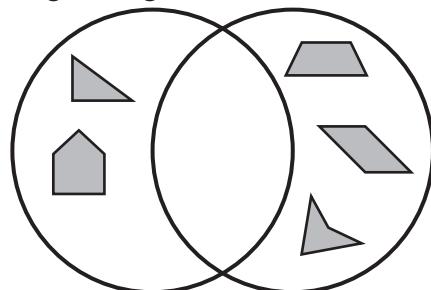
Part B

How can you describe the shapes that belong in the section where the circles overlap?

_____

_____

5. Write one of the following words to name each part of the figure.

| line | line segment | point | ray |

_____

_____

_____
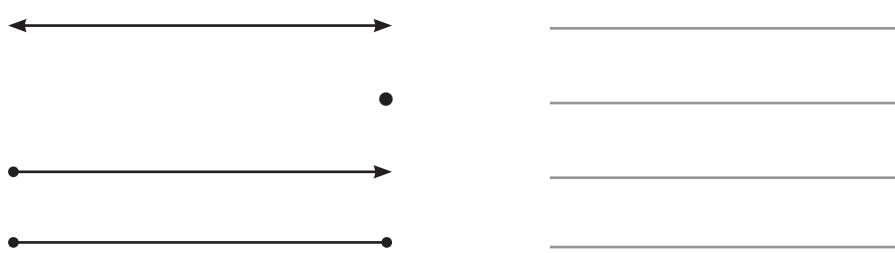
6. Describe the angles and sides of this triangle.

_____
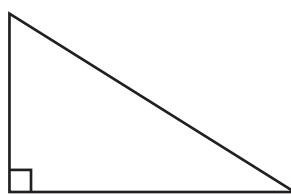
GO ON

7. Which words describe this shape? Mark all that apply.
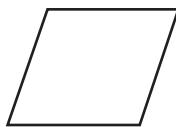
(A) rectangle   (B) rhombus   (C) quadrilateral   (D) square

8. Divide each shape into the number of equal parts shown.
Then write the fraction that describes each part of the whole.
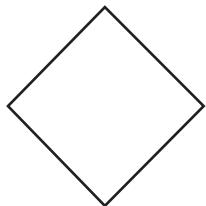
**4 equal parts**   **6 equal parts**   **8 equal parts**
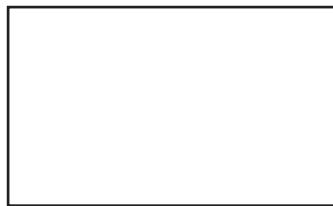
_____   _____   _____
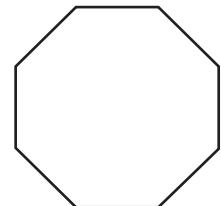
9. Cho drew a triangle with 3 angles that are each less than a right angle.

For numbers 9a–9d, choose Yes or No to tell whether that triangle could be the triangle Cho drew.
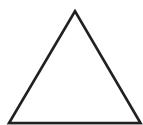
9a.   ○ Yes   ○ No

9b.   ○ Yes   ○ No
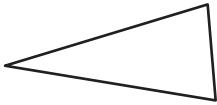
9c.   ○ Yes   ○ No

9d.   ○ Yes   ○ No

GO ON ▶

10. Look at this group of shapes.
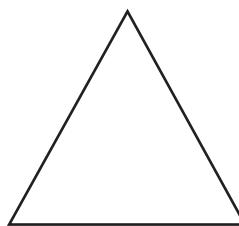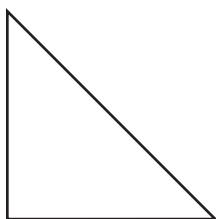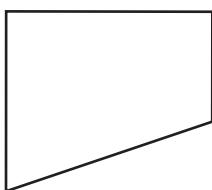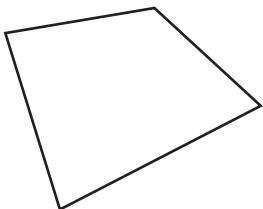
Part A

Sort the shapes by sides. How many groups did you make? Explain how you sorted the shapes.

_____

_____

_____

_____

Part B

Sort the shapes by angles. How many groups did you make? Explain how you sorted the shapes.

_____

_____

_____

_____

11. Gina drew a quadrilateral that always has 4 sides of equal length and 4 right angles. What quadrilateral did she draw?

_____

GO ON

12. Lacy used a Venn diagram to sort shapes. What label could she use for circle *A*?

Polygons with Right Angles   **A**
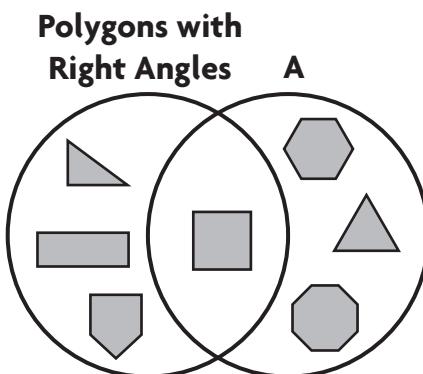
13. Victor drew lines to divide a trapezoid into equal parts that represent $\frac{1}{3}$ of the whole area. Draw lines to show how Victor divided the trapezoid.
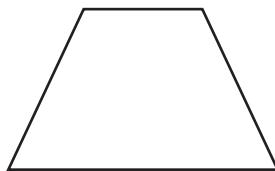

14. Luisa drew this hexagon. Select the pairs of sides that appear to be parallel. Mark all that apply.
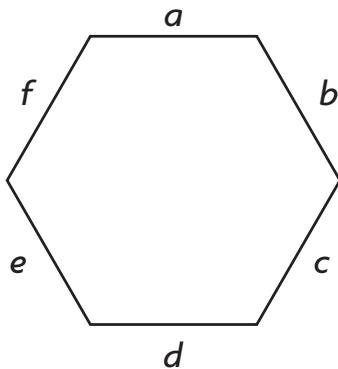

(A) *a* and *b*   (C) *c* and *f*

(B) *b* and *e*   (D) *d* and *a*

GO ON

15. Tell why this shape is NOT a polygon.

_____
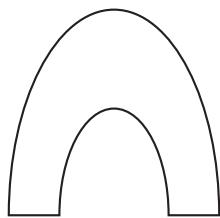
16. Paige drew the triangle at the right. What statements describe the angles? Mark all that apply.

Ⓐ At least one is less than a right angle.

Ⓑ One is a right angle.

Ⓒ All are less than a right angle.

Ⓓ One is greater than a right angle.
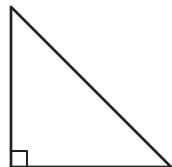
17. Bella drew a quadrilateral with 2 pairs of opposite sides that are parallel. The shape has no right angles and has sides that are of equal length. Draw a shape Bella could have drawn.

18. For 18a–18d, select True or False for each description of a line segment.

		True	False
18a.	straight	○ True	○ False
18b.	has 2 endpoints	○ True	○ False
18c.	continues in 1 direction	○ True	○ False
18d.	part of a line	○ True	○ False

STOP