

Name _____

Sides and Angles

Lesson 2

ESSENTIAL QUESTION

How do I use shapes and equal parts?



Explore and Explain



Did you see what I saw?



sides

angles

sides

angles

sides

angles

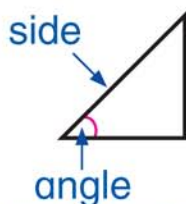


Teacher Directions: Have students sort triangle, square, parallelogram, trapezoid, and hexagon pattern blocks by their number of sides and angles. Trace them. Write how many sides and angles.

See and Show

You can describe two-dimensional shapes by the number of **sides** and **angles**.

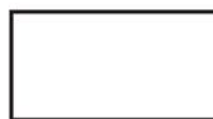
triangle



_____ sides

_____ angles

quadrilateral



_____ sides

_____ angles

pentagon



_____ sides

_____ angles

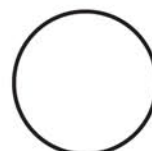
hexagon



_____ sides

_____ angles

circle



_____ sides

_____ angles

Trace each shape. Write how many sides and angles.

1.



_____ sides

_____ angles

2.



_____ sides

_____ angles

3. Circle the objects that have 0 sides and 0 angles.



Talk Math

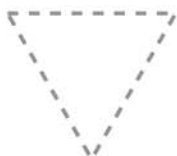
How are a square and a hexagon alike?
How are they different?

Name _____

On My Own

Trace each shape. Write how many sides and angles.

4.



_____ sides

_____ angles

5.



_____ sides

_____ angles

6.



_____ sides

_____ angles

7.



_____ sides

_____ angles

Circle the objects that match the description.

8. 3 sides and 3 angles



9. 4 sides and 4 angles





Problem Solving



Draw a picture to solve.

10. Kira draws a shape with 6 sides and 6 angles. What shape does she draw?

11. Alex draws a shape with 3 sides and 3 angles. What shape does Alex draw?

12. Josh drew 3 squares. Katie drew 2 triangles and 1 square. Who drew more angles?



Write Math

Write the name of each shape.
Describe two things about each shape.



1. _____

2. _____



1. _____

2. _____

Name _____

My Homework

Lesson 2

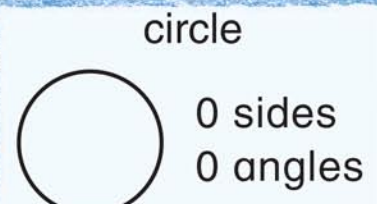
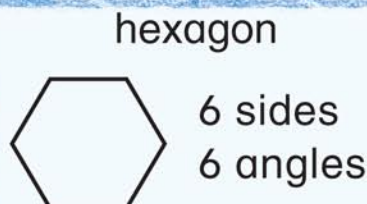
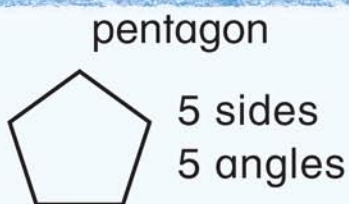
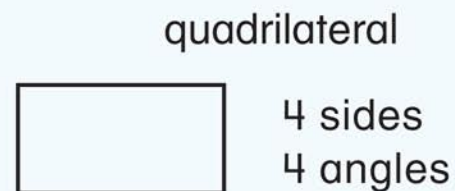
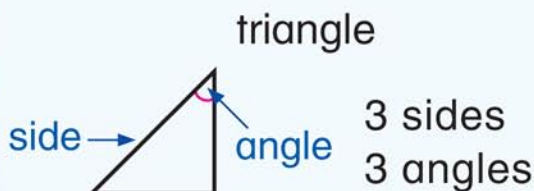
Sides and Angles

Homework Helper



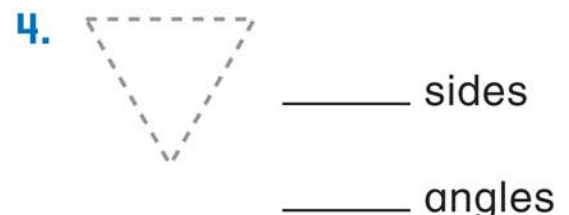
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A two-dimensional shape can be described by its sides and angles.



Practice

Trace each shape. Write how many sides and angles.



5. Circle the object that has 8 sides and 8 angles.



6. Jason drew a shape that has 6 sides.
What shape did he draw?

7. Carla drew a triangle and a square.
Janice drew a shape with 6 sides and
6 angles. Who drew more sides
and angles?

Circle time!

Vocabulary Check



Connect the name of each shape to its
number of sides or angles.

8. hexagon

4 sides and 4 angles

9. quadrilateral

5 sides and 5 angles

10. triangle

6 sides and 6 angles

11. pentagon

3 sides and 3 angles



Math at Home While driving or walking, look at road signs together.
Ask your child to name and describe the shapes of the signs he or she sees.