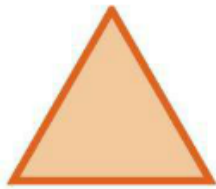


# 功课和练习

## 第15-1课

### 平面形状

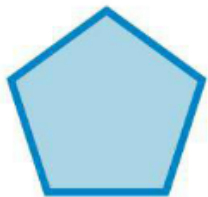
**再看！** You can name shapes by their number of sides and vertices.



A triangle has  
 3 sides and  
 3 vertices.



A quadrilateral has  
 4 sides and  
 4 vertices.



A pentagon has  
 5 sides and  
 5 vertices.



A hexagon has  
 6 sides and  
 6 vertices.

**家庭活动** Look around your home for items that are shaped like triangles, quadrilaterals, pentagons, or hexagons. Ask your child to tell the number of sides and vertices for each shape.



Name each shape.  
 Write the number of sides and vertices.



Shape: \_\_\_\_\_  
 \_\_\_\_\_ sides  
 \_\_\_\_\_ vertices



Shape: \_\_\_\_\_  
 \_\_\_\_\_ sides  
 \_\_\_\_\_ vertices



Shape: \_\_\_\_\_  
 \_\_\_\_\_ sides  
 \_\_\_\_\_ vertices

Tell how many sides or vertices each student drew.

4. **Algebra** Leona drew 2 pentagons.  
She drew \_\_\_\_ vertices.

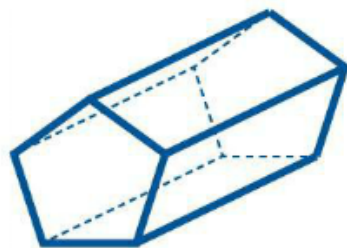
5. **Algebra** Nestor drew 3 quadrilaterals.  
He drew \_\_\_\_ sides.

6. **Algebra** Kip drew a hexagon and a triangle.  
He drew \_\_\_\_ vertices.

7. © **MP.4 Model** Draw 2 hexagons that look different from the one shown.

8. © **MP.4 Model** Draw 2 quadrilaterals that look different from the one shown.

9. **Higher Order Thinking** Tami traced the flat sides of this wooden block. What shapes did she draw? Name and draw the shapes.



10. © **Assessment** Jin drew two polygons. One of the polygons is shown below. If Jin drew 9 sides and 9 vertices in all, which other polygon did he draw?



(A) triangle

(B) rhombus

(C) rectangle

(D) pentagon