SHAPES

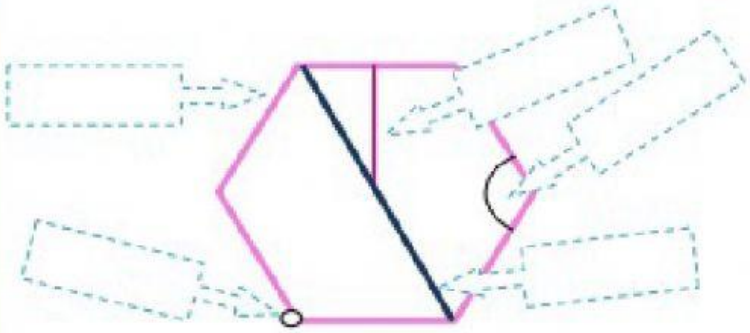
Complete the text using these options:

DIAGONAL	VERTEX	SIDES	INTERIOR ANGLES

Identifying the parts of a polygon

A polygon, Greek for many sides, is a closed figure drawn using straight line segments which meet only at their endpoints. The endpoints of the _____ of polygons are called _____. When naming a polygon, its vertices are named in consecutive order either clockwise or counterclockwise. Consecutive sides are two sides that have an endpoint in common. A _____ of a polygon is any segment that joins two nonconsecutive vertices. The sum of the measures of the _____ of a convex polygon with n sides is (n-2)180º

Complete the chart with the following words.



side
vertex
diagonal
interior angle
apothem

Write the name of each polygon and complete the sentence.

this is a _____

because it has __sides

this is a _____

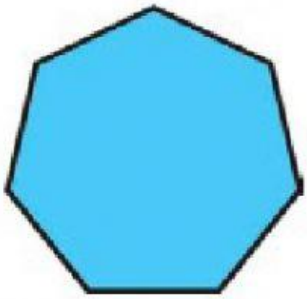
because it has __sides

this is a _____

because _____

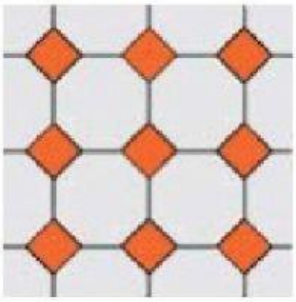
this is a _____

because _____



this is a _____

because _____



these are _____

_____