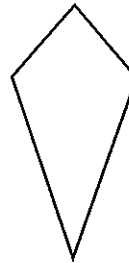


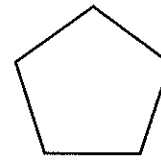
LESSON
3•7
Vertex Connection


If you draw a line segment from one vertex of a polygon to any other vertex that does not share a common side, new shapes will be formed inside the polygon. Connect pairs of vertices in these polygons. Name the new shapes as they are formed.

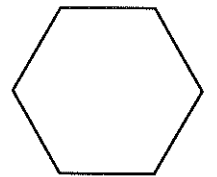
Write the name of each new polygon and as many true statements as you can about the polygons. Be sure to use what you know about the definitions of angles and lines.



kite



pentagon



hexagon

kite	
New Polygon	Properties
pentagon	
New Polygon	Properties
hexagon	
New Polygon	Properties