1.6 Classify Polygons

Polygons

What is it like?
- Sides are ___________ lines.
- Sides only intersect at ___________.
- _______________
- _______________

Convex and Concave

Convex
- All angles _____________________________.
- A line containing a side does NOT go ________________ of the shape.

Concave
- Not _____________________.
- There’s a “______________”.

Equilateral and Equiangular

Equilateral
- All _____________ are same _______________

Equiangular
- All _____________ are same _______________

Regular Polygon
- ________________ and ________________

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<td>Example</td>
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Sketch an example of a convex heptagon.

Sketch an example of a concave heptagon.

Classify the polygon shown

The Pentagon Building is a regular pentagon. If two of the angles are \((2x - 14)^\circ\) and \((3x - 75)^\circ\). Find the measure of each angle.

Assignment: 44 #4-36 even, 40, 44-54 even = 24 total