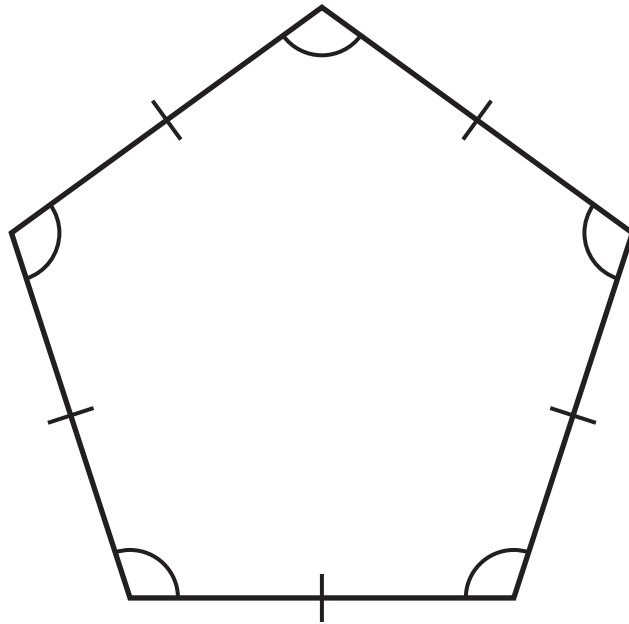
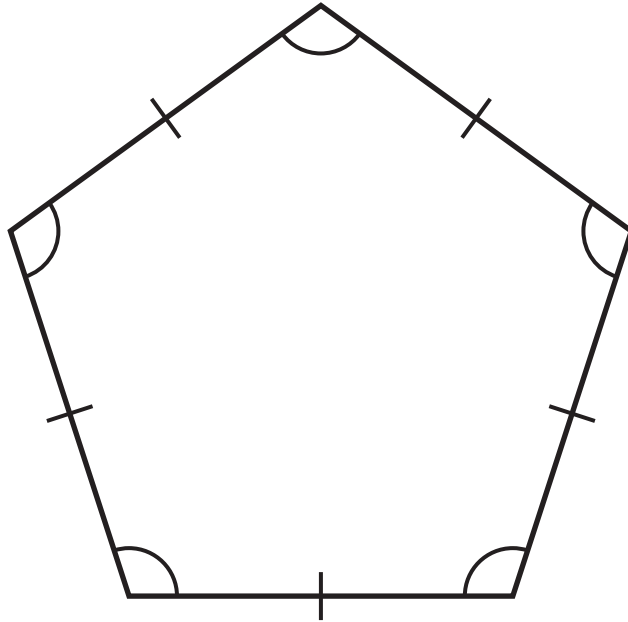


What's Regular About This Polygon?



1. Name this polygon.
2. Why is the figure above a regular polygon?
3. What is the sum of the interior angle measures in the figure above?
4. Find the measure of one interior angle in the figure above.

Answer Key



1. Regular pentagon
2. All the sides are congruent and all the angles are congruent.
3. 540° .
4. The measure of one interior angle is 108° . The sum of the interior angles is 540° and $540^\circ \div 5 = 108^\circ$.