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Inscribed and Circumscribed Polygons - Lesson 10-7

Here's the warmup!





Today we're going to learn about *inscribed* and *circumscribed* polygons. Here are their definitions:



And here are some properties related to them:



Theorem 92

if a quadrilateral is inscribed in a circle, its opposite angles are supplementary.



The following diagram should give you a "visual" of why Theorem 93 is true. Notice that when the parallelogram is no longer a rectangle, it is also no longer inscribed:

