

Download How To Prove A Cyclic Parallelogram Is A Rectangle

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.Q. Prove that a cyclic parallelogram is a rectangle ? ANS : Let ABCD be a cyclic quadrilateral such that its diagonals AC and BD are the diameters of the circle through the vertices A, B, C, and D.

If a parallelogram contains a right angle, then it's a rectangle (neither the reverse of the definition nor the converse of a property). Tip: Do the following to visualize why this method works: Take an empty cereal box and push in the top flaps.

So,now yo get a figure with all angles 90° which is a rectangle.Saying simply,a cyclic quadrilateral with one pair of adjacent angles 90° is a rectangle (or any cyclic parallelogram is a rectangle). Note-This is more or less like the converse.Hope this helps.

Best Answer: in a cyclic quadrilateral, the opposite angles are supplementary (they add up to 180°), a parallelogram also being a quadrilateral should have this property.

Answer: Step-by-step explanation: Any parallelogram cannot be cyclic. For any quadrilateral to be cyclic the sum of the opposite angles should be 180° .

A cyclic parallelogram is a rectangle Let's think about a cyclic quadrilateral, There is a property that opposite angles sum should be equal to 180° .

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