

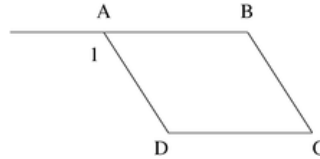
Name _____

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\ZX CF Proof of Parallelograms - Step-by-Step Lesson

Given \square ABCD where $AB \parallel DC$.

Prove $m\angle D = m\angle B$



Explanation:

It is given that ABCD is a quadrilateral.

A parallelogram is a quadrilateral with both pairs of opposite sides parallel.

Line AB is parallel to line DC.

If a quadrilateral ABCD is a \square , then opposite angles are equal in measure.

Hence, $m\angle D = m\angle B$ and let's take it one further $m\angle A = m\angle C$

