

## Proof without Words: Parallelohexagon-parallelogram area ratio

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Given a simple, closed hexagon  $ABCDEF$  with opposite sides equal and parallel, and  $G, H, I$  and  $J$  are the respective midpoints of sides  $AB, BC, DE$  and  $EF$ , prove that  $\text{area } ABCDEF = 2 \text{ area } GHIJ$ .

