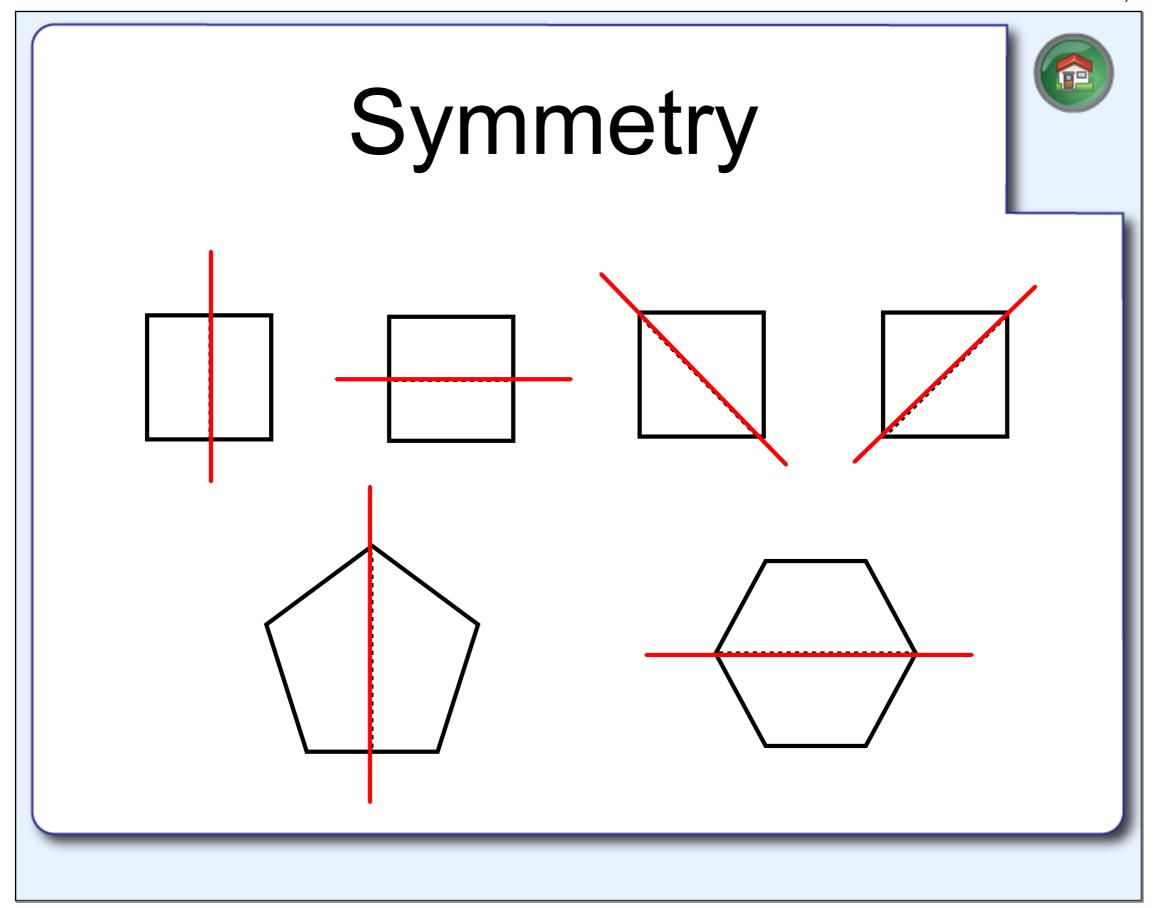




P/J Mathematics

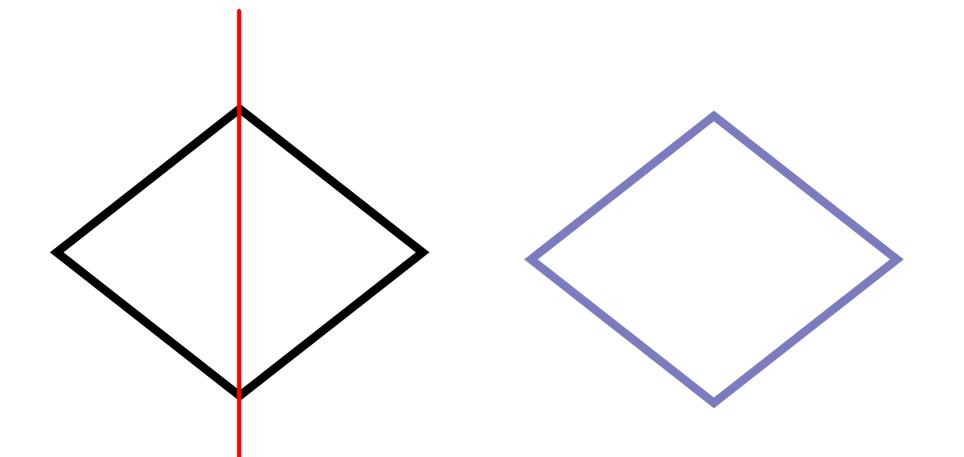
GEOMETRY AND SPATIAL SENSE

Properties - Geometric Relationships - Location & Movement Straightness **IDEAS BIG** В Parallelism Congruency Similarity Perpendicularity Symmetry GEOMETRY CATHCART, W. GEORGE, POTHIER, YVONNE M. & VANCE, JAMES H. (2004) LEARNING MATHEMATICS IN ELEMENTARY & MIDDLE SCHOOLS: 4TH ED., TORONTO, ON: PEARSON PRENTICE HALL. TUCKER, BENNY F. SINGLETON, ANN H. & WEAVER, TERRY L. (2002). TEACHING MATHEMATICS TO ALL CHILDREN: DESIGNING & ADAPTING INSTRUCTION TO MEET THE NEEDS OF DIVERSE LEARNERS. COLUMBUS, OHIO: MERRILL PRENTICE HALL.

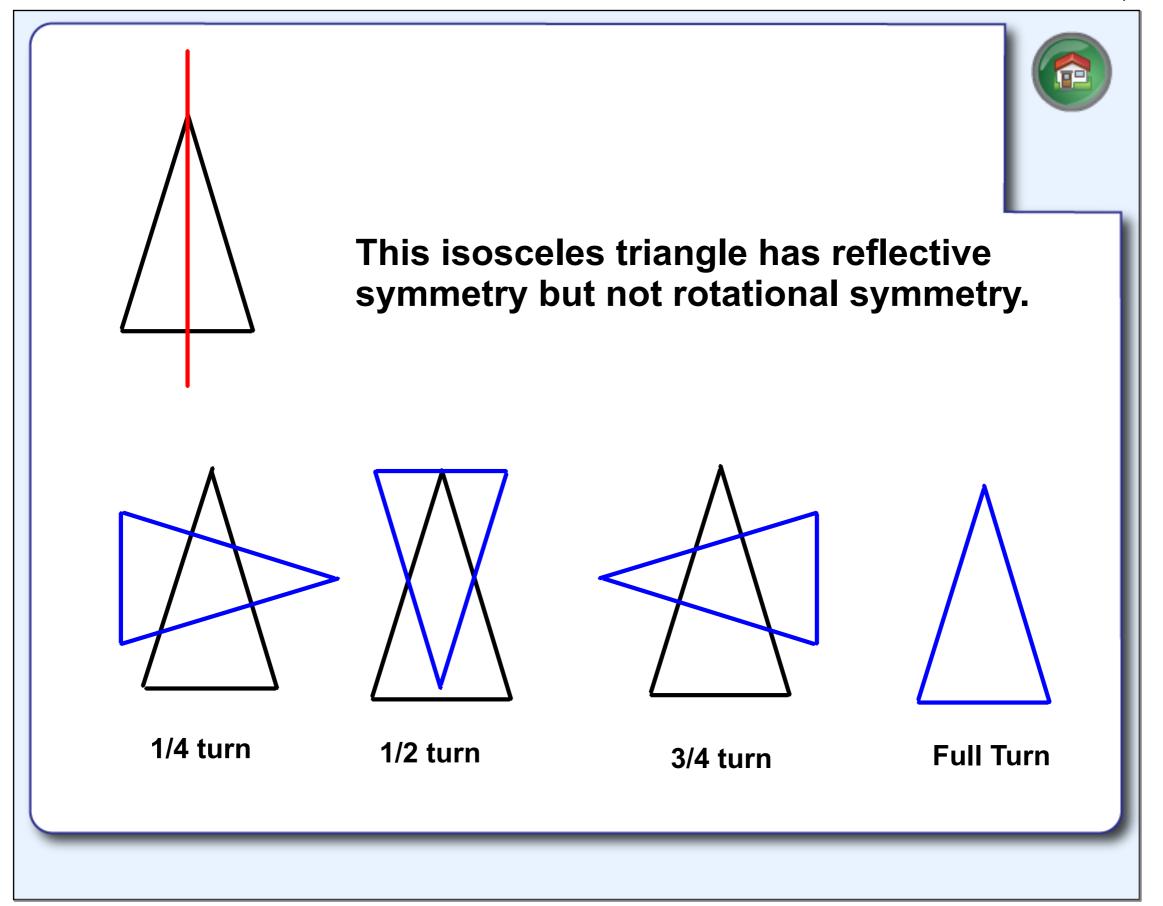


ROTATIONAL SYMMETRY



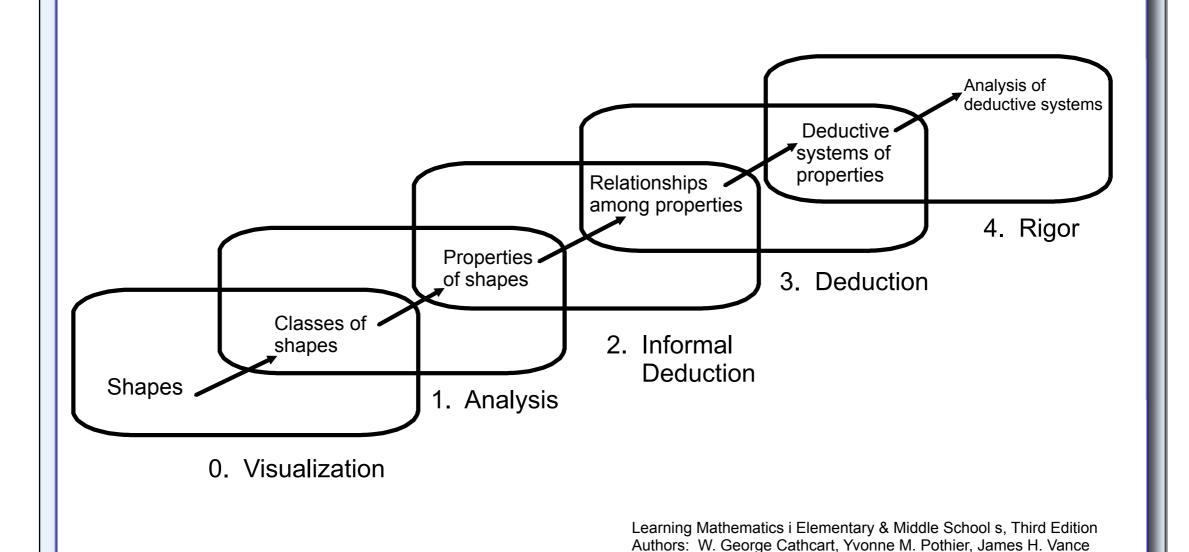


This rhombus has reflective symmetry AND rotational symmetry.



van Heile Theory of Geometric Thought









- Varied lesson types & instructional approaches
- Multiple representations
- Examples, non-examples
- Geometric terminology
- Technology