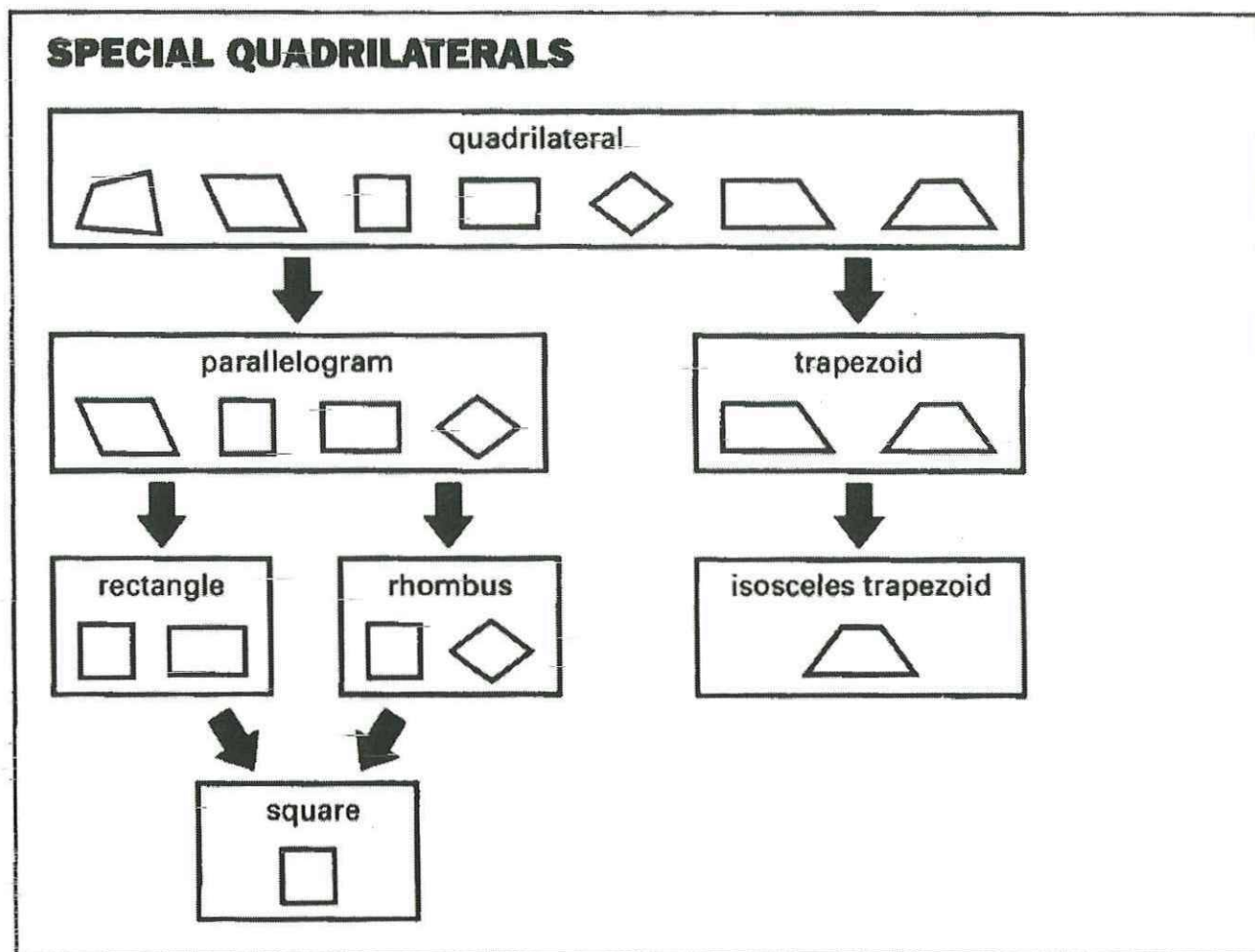


6.6 Reasoning About Special Quadrilaterals

Objective : Identify special quadrilaterals based on limited information



A square is always a quad, a rhombus, a rectangle, and a parallelogram.

A rectangle is always a parallelogram and a quad.

A rhombus is always a parallelogram and a quad.

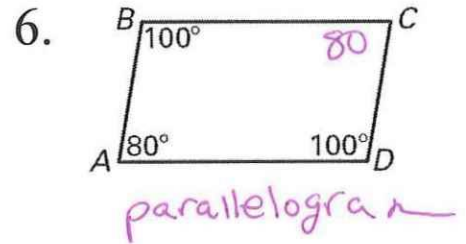
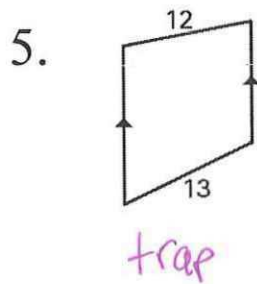
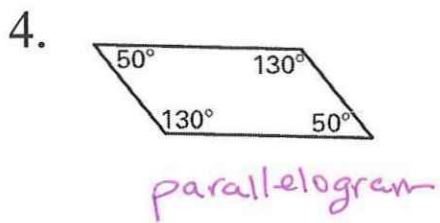
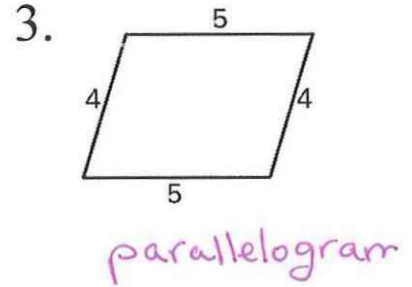
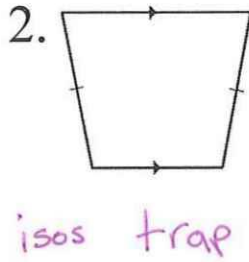
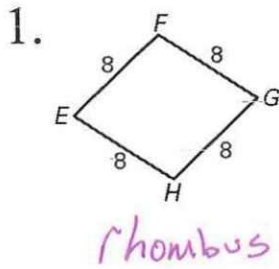
A parallelogram is always a quad.

An isosceles trapezoid is always a trapezoid and a quad.

A trapezoid is always a quad.

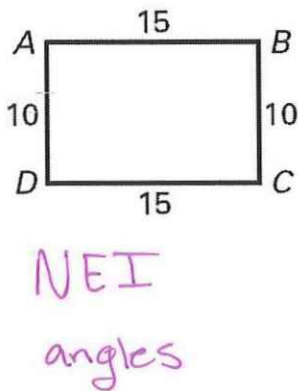
Examples:

Determine whether the quadrilateral is a trapezoid, isosceles trapezoid, parallelogram, rectangle, rhombus, or square.

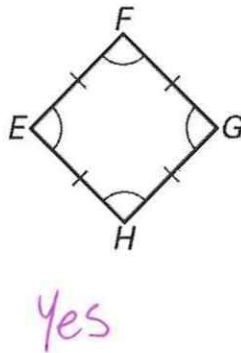


Are you given enough information to conclude that the figure is the given type of special quadrilateral? Explain your reasoning.

7. A rectangle?



8. A square?



9. A parallelogram?

