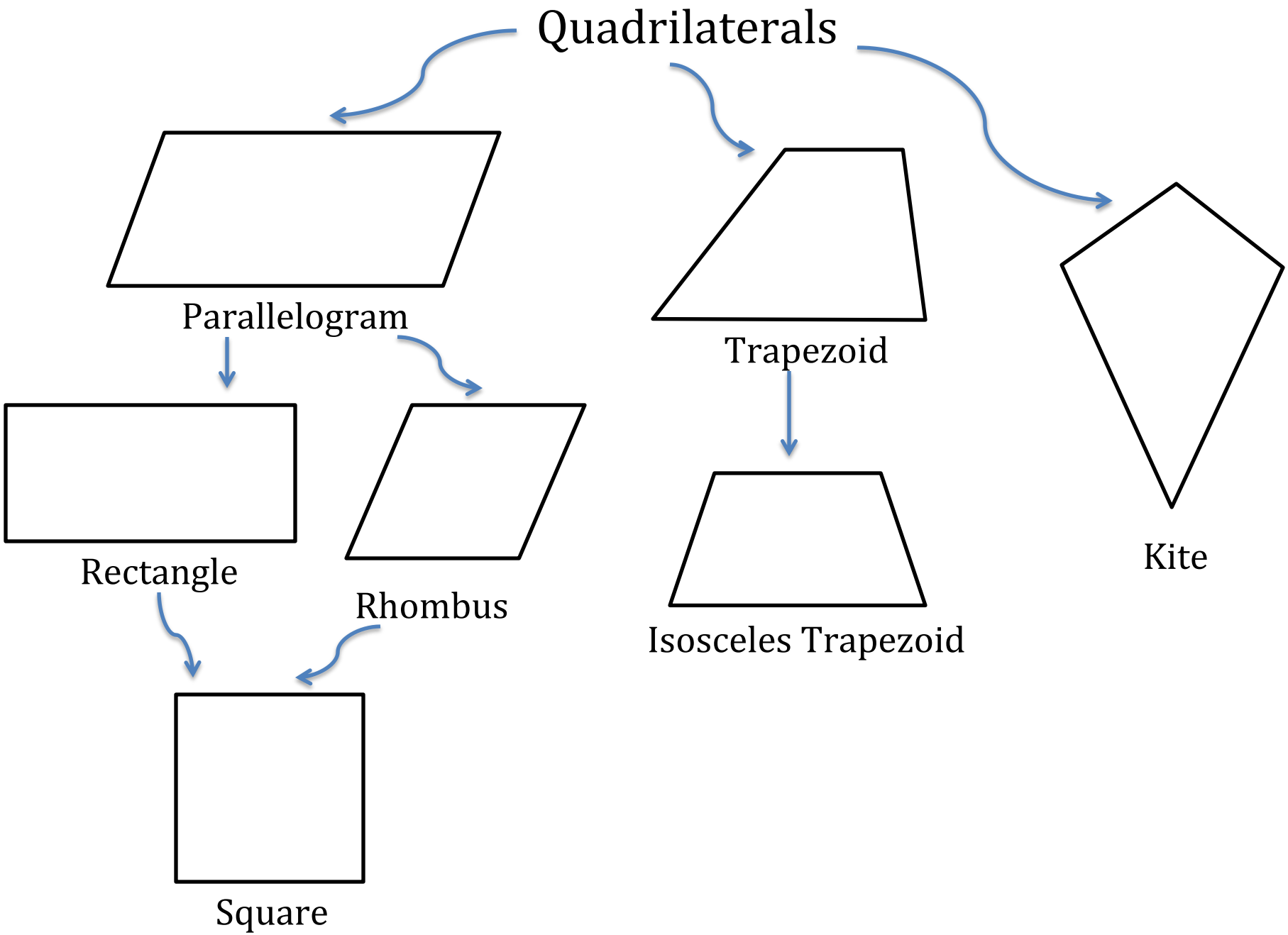
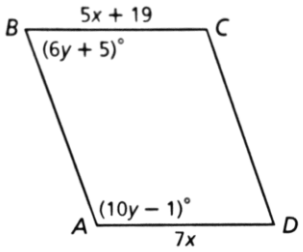

Quadrilaterals
Parallelogram
Trapezoid
Kite
Rectangle
Rhombus
Isosceles Trapezoid
Square

1. ABCD is a parallelogram.

Find m∠*B* and *BC*.



2. Which is NOT always true?

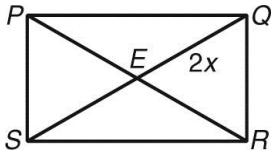
A A square is a rhombus.

B A rectangle is a parallelogram.

C A rhombus is a rectangle.

D A square is a rectangle.

3. *PQRS* is a rectangle. *PR* = 26. What is the value of *x*?



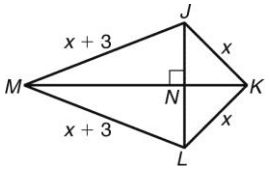
4. Which best describes the figure? Explain.

A kite

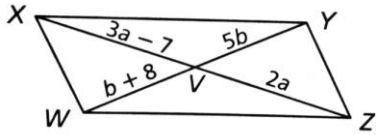
B parallelogram

C quadrilateral

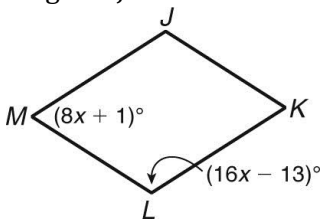
D trapezoid



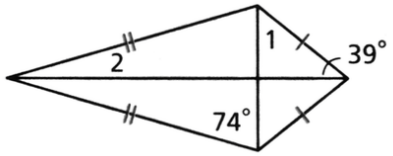
5. For the parallelogram, find XZ and WY.



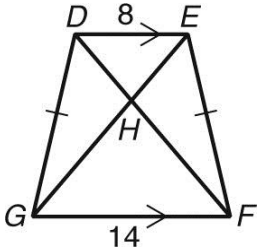
6. In parallelogram JKLM what is m∠*K*?



7.In the kite, find $m\angle 1$ and $m\angle 2$.

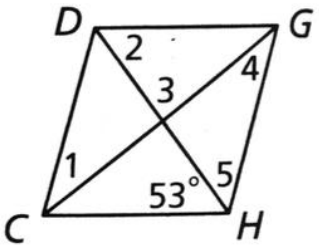


8. *GE* = 5*x* + 2 and *DF* = 8*x* − 7. What is *GE*?

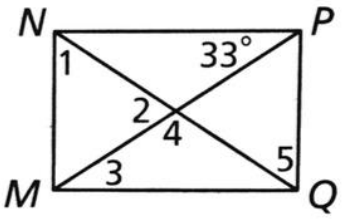


9. Find all numbered angles for each.

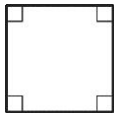
rhombus *CDGH*

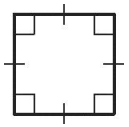


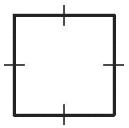
rectangle *MNPQ*



10. Tell whether each figure must be a rectangle, rhombus or a square based on the information given. Use the most specific name possible.







11. **Given:** *ABCD* is a rectangle.

Prove: ∠*EDC* ≅ ∠*ECD*