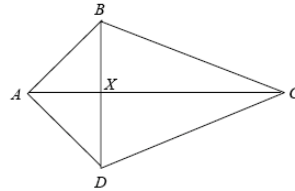


## Quadrilateral Proof

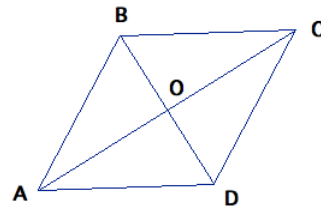
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Name \_\_\_\_\_ Class \_\_\_\_\_

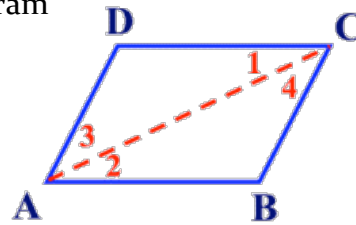
1. Given: Quadrilateral ABCD is a Kite  
Prove:  $\angle B \cong \angle D$



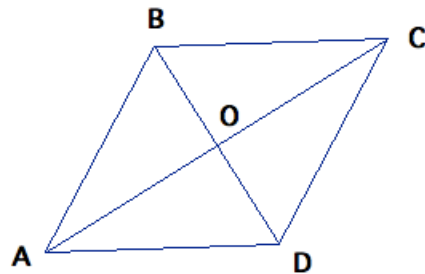
2. Given: Quadrilateral ABCD is a Rhombus  
Prove:  $\triangle BOC \cong \triangle DOA$



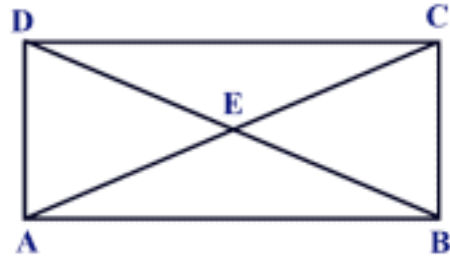
3. Given: Quadrilateral ABCD is a Parallelogram  
Prove:  $\overline{AD} \cong \overline{CB}$  and  $\overline{DC} \cong \overline{BA}$



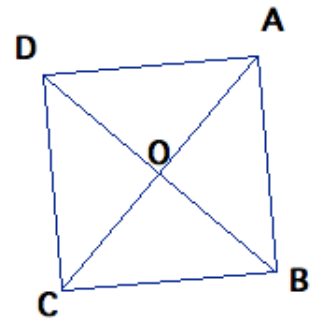
4. Given: Quadrilateral ABCD is a Rhombus  
Prove:  $\overline{BD}$  bisects  $\overline{AC}$



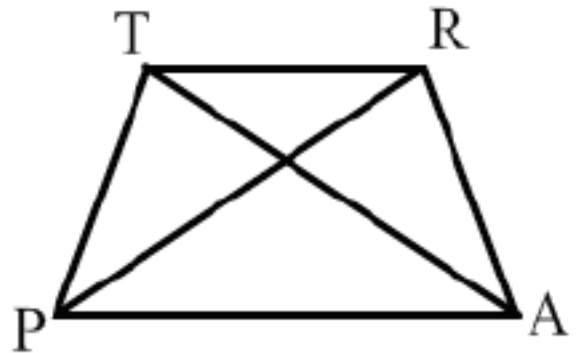
5. Given: Quadrilateral ABCD is a Rectangle  
Prove:  $\overline{AC} \cong \overline{DB}$



6. Given: Quadrilateral ABCD is a Square  
Prove:  $\triangle AOD \cong \triangle DOC$



7. Given: Quadrilateral TRAP is an Isosceles Trapezoid,  $\angle A \cong \angle P$   
Prove:  $\overline{PR} \cong \overline{TA}$



8. Given: Quadrilateral ABCD is a Kite  
Prove:  $\overline{AC} \perp \overline{BD}$

