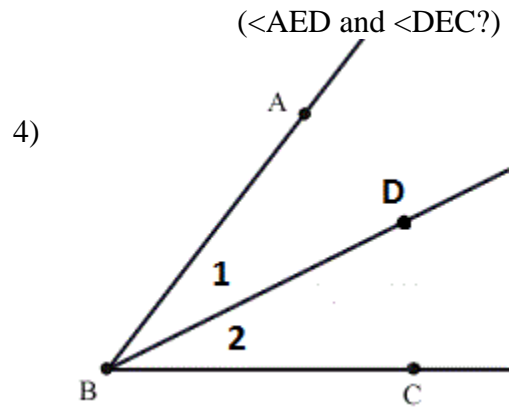
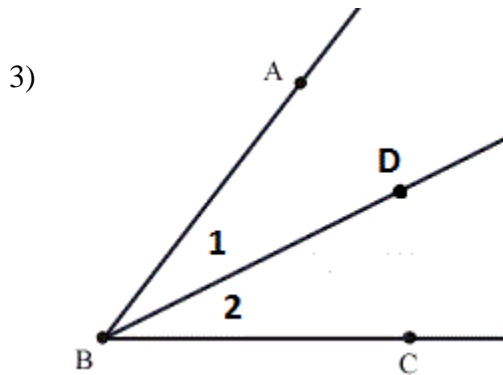
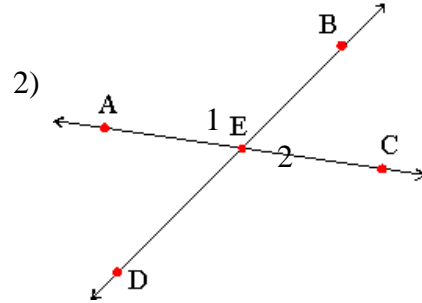
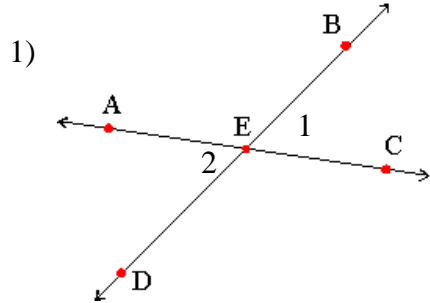


Name: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Class: \_\_\_\_\_

Geometry  
 Unit 7  
 HW 7-1

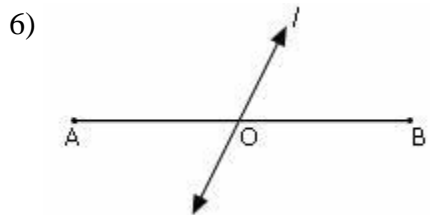
For each diagram use the information from the diagram or given statement to make a new statement with a reason (if angles have numbers in them you should use that to make your statement).



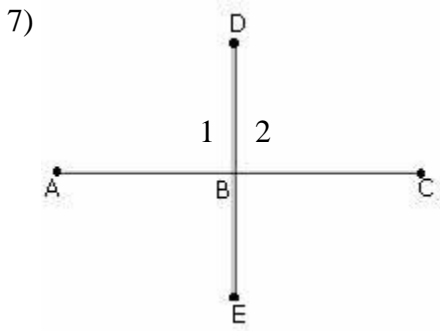
Given:  $\overline{BD}$  bisects  $\angle ABC$



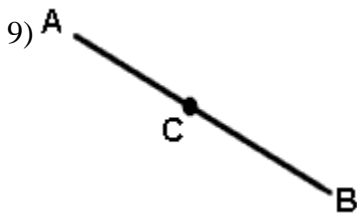
(compare  $\overline{AB}$ ,  $\overline{BC}$ , and  $\overline{AC}$ )



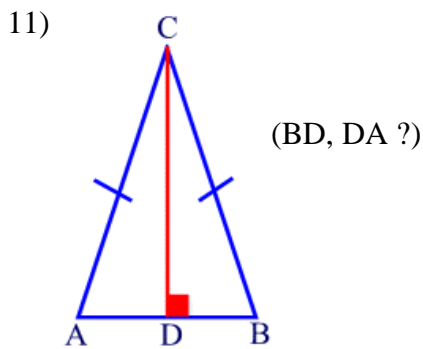
Given:  $\vec{l}$  bisects  $\overline{AB}$



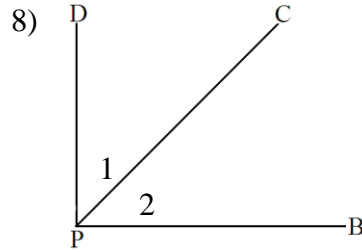
Given:  $\overline{DE} \perp \overline{AC}$



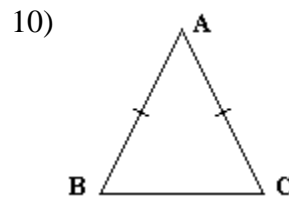
Given: C is the midpoint of  $\overline{AB}$



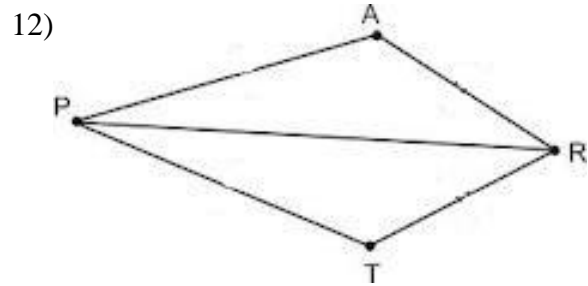
Given:  $\triangle ABC$  is isosceles (C is vertex)



Given:  $\overline{DP} \perp \overline{PB}$



Given:  $\triangle ABC$  is isosceles (A is vertex)



(Shared piece?)