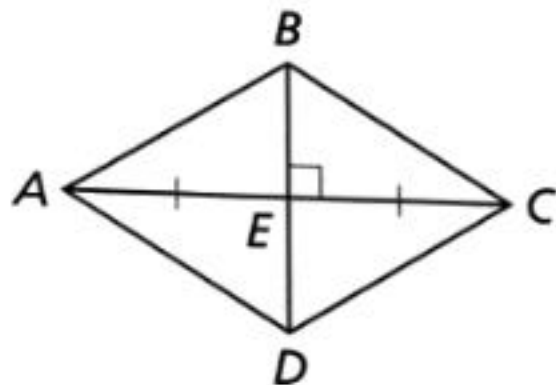


Use the diagram for Items 1 and 2.



1. Which of these congruence statements can be proved from the information given in the figure?

(A)  $\triangle AEB \cong \triangle CED$

(C)  $\triangle ABD \cong \triangle BCA$

(B)  $\triangle BAC \cong \triangle DAC$

(D)  $\triangle DEC \cong \triangle DEA$

2. What other information is needed to prove that  $\triangle CEB \cong \triangle AED$  by the HL Congruence Theorem?

(F)  $\overline{AD} \cong \overline{AB}$

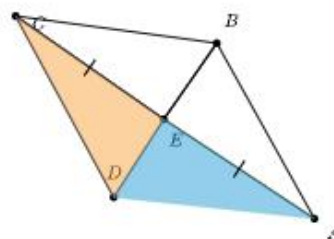
(H)  $\overline{CB} \cong \overline{AD}$

(G)  $\overline{BE} \cong \overline{AE}$

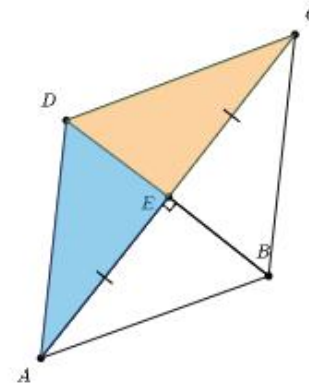
(J)  $\overline{DE} \cong \overline{CE}$

In which of the following diagrams are triangles  $\triangle DEC$  and  $\triangle DEA$  congruent?

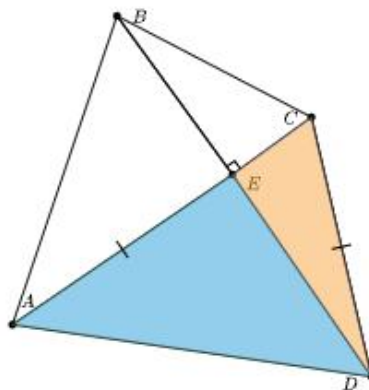
1



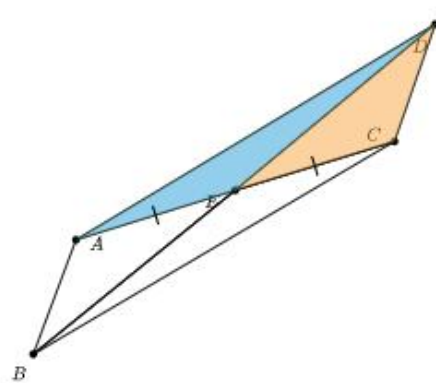
2



3



4



Check Answer