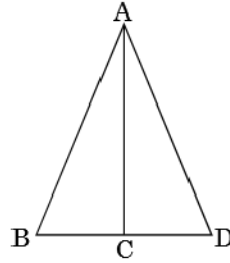


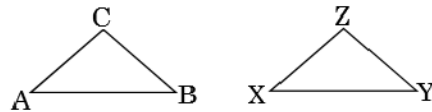
Complete each proof.

1. Given: $\overline{AB} \cong \overline{AD}$
 \overline{AC} bisects $\angle BAD$
 Prove: $\triangle ABC \cong \triangle ADC$



STATEMENTS	REASONS
1. $\overline{AB} \cong \overline{AD}$	1.
2. \overline{AC} bisects $\angle BAD$	2.
3.	3. Definition of a bisector
4. $\overline{AC} \cong \overline{AC}$	4.
5. $\triangle ABC \cong \triangle ADC$	5.

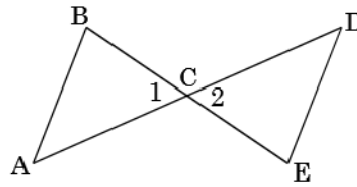
2. Given: $\triangle ABC \cong \triangle XYZ$
 Prove: As many different statements as you can



STATEMENTS	REASONS
1.	1.

3. Given: \overline{BE} bisects \overline{AD}
 C is midpoint of \overline{BE}

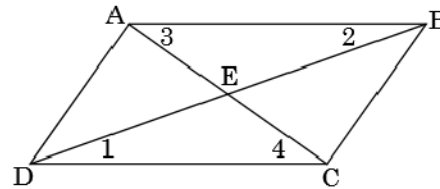
Prove: $\triangle ABC \cong \triangle DEC$



STATEMENTS	REASONS
1. \overline{BE} bisects \overline{AD}	1.
2.	2. Definition of a bisector
3. C is midpoint of \overline{BE}	3.
4. $\overline{BC} \cong \overline{CE}$	4.
5. $\angle 1 \cong \angle 2$	5.
6. $\triangle ABC \cong \triangle DEC$	6.

3. Given: $\overline{AB} \parallel \overline{DC}$
 $\overline{AB} \cong \overline{DC}$

Prove: $\triangle ABE \cong \triangle CDE$



STATEMENTS	REASONS
1. $\overline{AB} \parallel \overline{DC}$	1.
2. $\overline{AB} \cong \overline{DC}$	2.
3. $\angle 1 \cong \angle 2$	3.
4. $\angle 3 \cong \angle 4$	4.
5.	5.