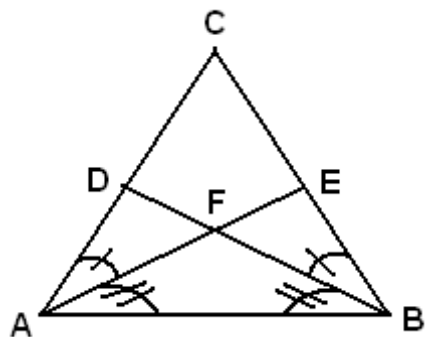


Advanced Geometry
More Triangle Proofs

Name: _____

[#1]

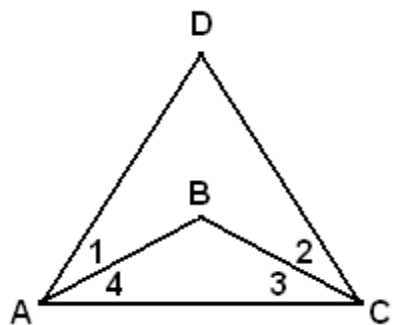


Prove:

$$\triangle ABD \cong \triangle BAE$$

$$\overline{AC} \cong \overline{BC}$$

[#2]



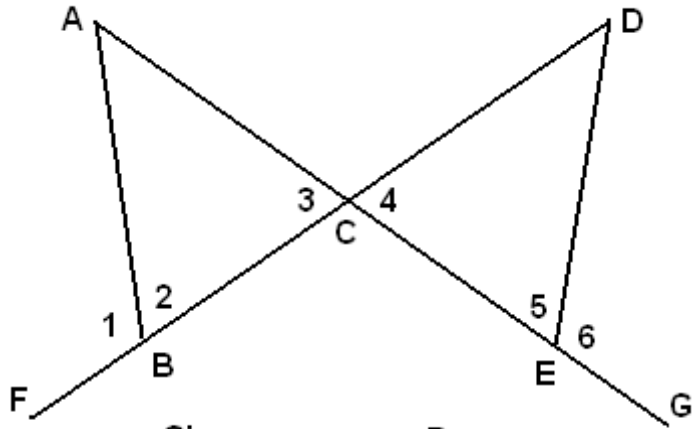
Given:

$$\overline{AD} \cong \overline{DC}$$
$$\overline{BA} \cong \overline{BC}$$

Prove:

$$\angle 1 \cong \angle 2$$

[#3]



Given:

$$\angle 1 \cong \angle 6$$

$$\overline{BC} \cong \overline{EC}$$

Prove:

$$\overline{AB} \cong \overline{DE}$$