

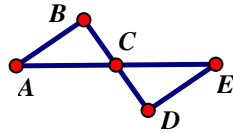
Prove the following relationships.

1) GIVEN:

$$\overline{BC} \cong \overline{DC} \text{ \& } \overline{AC} \cong \overline{EC}$$

PROVE:

$$\angle A \cong \angle E$$

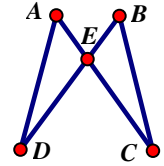


2) GIVEN:

$$\angle D \cong \angle C \text{ \& } \overline{DE} \cong \overline{CE}$$

PROVE:

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



| STATEMENT | REASON |
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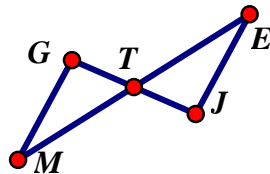
| STATEMENT | REASON |
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3) GIVEN:

T is the midpoint of \overline{ME}
& $\angle G \cong \angle J$

PROVE:

T is the midpoint of \overline{GJ}

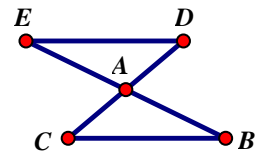


4) GIVEN:

$$\angle D \cong \angle C \text{ \& } \overline{CA} \cong \overline{DA}$$

PROVE:

$$\overline{EA} \cong \overline{BA}$$



| STATEMENT | REASON |
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