### Triangle Congruence Proofs

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#### 1) Given: \( BD \perp AB, BD \perp DE, BC \equiv DC \)
Prove: \( \angle A \equiv \angle E \)

![Diagram of \( ABD \) and \( EDC \) with \( BD \perp AB \) and \( BD \perp DE \)]

Thoughts:

#### 2) Given: \( BC \equiv DC, AC \equiv EC \)
Prove: \( \triangle ABC \equiv \triangle EDC \)

![Diagram of \( ABC \) and \( EDC \)]

Thoughts:

#### 3) Given: \( YA \equiv BA, \angle B \equiv \angle Y \)
Prove: \( AZ \equiv AC \)

![Diagram of \( YAZ \) and \( BAC \)]

Thoughts:
4) Given: \( WX \parallel YZ, WX \cong YZ \)
Prove: \( \triangle WXZ \cong \triangle YZX \)

Thoughts:

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5) Given: \( \angle K \cong \angle M, L \) is midpoint of \( KM \)
Prove: \( \triangle JKL \cong \triangle PML \)

Thoughts:

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6) Given: \( \angle B \) and \( \angle D \) are right angles.
\( AE \) bisects \( BD \)
Prove: \( \triangle ABC \cong \triangle EDC \)

Thoughts:

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7) Given: \( JM \) bisects \( \angle J \), \( JM \perp KL \)
Prove: \( \triangle JMK \cong \triangle JML \)

Thoughts: