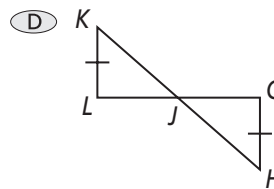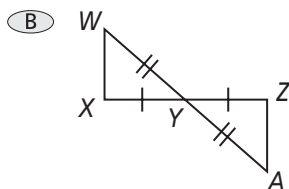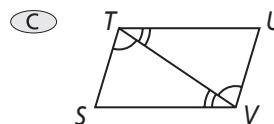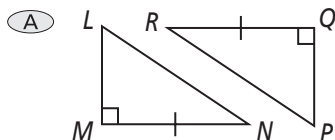# 4-3 Standardized Test Prep

Triangle Congruence by ASA and AAS

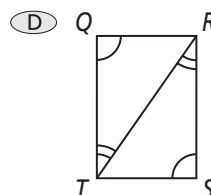## Multiple Choice

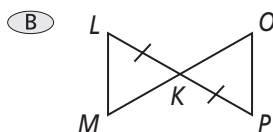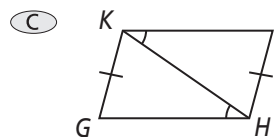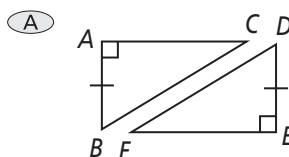**For Exercises 1–4, choose the correct letter.**

1. Which pair of triangles can be proven congruent by the ASA Postulate?

Ⓐ

Ⓒ

Ⓑ

Ⓓ

2. For the ASA Postulate to apply, which side of the triangle must be known?

Ⓕ the included side

Ⓖ the longest side

Ⓗ the shortest side

Ⓘ a non-included side

3. Which pair of triangles can be proven congruent by the AAS Theorem?

Ⓐ

Ⓒ

Ⓑ

Ⓓ

4. For the AAS Theorem to apply, which side of the triangle must be known?

Ⓕ the included side

Ⓖ the longest side

Ⓗ the shortest side

Ⓘ a non-included side

Short Response

5. Write a paragraph proof.

Given: $\angle 3 \cong \angle 5$, $\angle 2 \cong \angle 4$

Prove: $\triangle VWX \cong \triangle VYX$