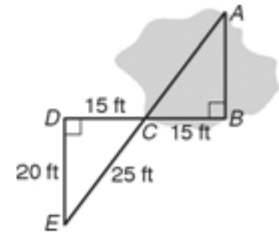


LESSON
4-6

Practice B

Triangle Congruence: CPCTC

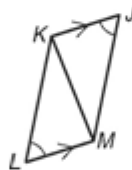
1. Heike Dreschler set the Woman's World Junior Record for the long jump in 1983. She jumped about 23.4 feet. The diagram shows two triangles and a pond. Explain whether Heike could have jumped the pond along path BA or along path CA .



Write a flowchart proof.

2. **Given:** $\angle L \cong \angle J$, $\overline{KJ} \parallel \overline{LM}$

Prove: $\angle LKM \cong \angle JMK$



Write a two-column proof.

3. **Given:** $FGHI$ is a rectangle.

Prove: The diagonals of a rectangle have equal lengths.

