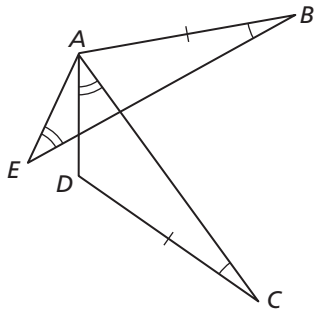
Name _____ Date _____

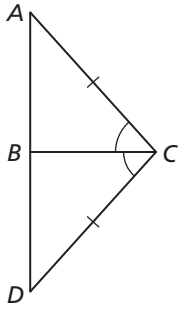
5.7 Practice A

In Exercises 1 and 2, explain how to prove that the statement is true.

1. $\overline{EB} \cong \overline{AC}$

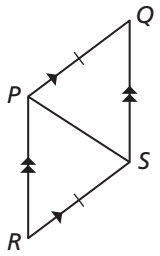


2. $\angle A \cong \angle D$

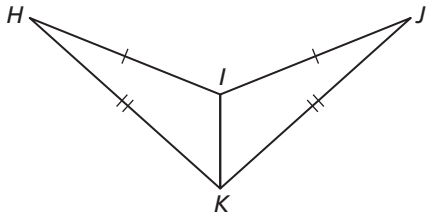


In Exercises 3 and 4, write a plan to prove the given statement.

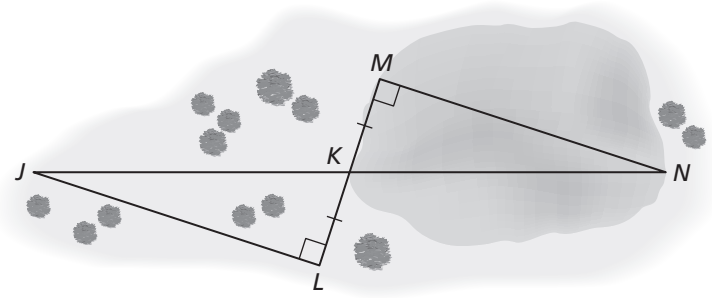
3. $\overline{PR} \cong \overline{SQ}$



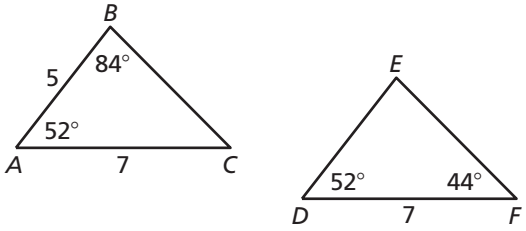
4. $\angle H \cong \angle J$



5. Use the figure to explain how to find the distance across the pond indirectly. Then prove that your method works.



6. Find DE, if possible. Explain your reasoning.



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