Quiz 3

Name: ________________________________

Prove the Triangle Copying Theorem (5.10 in your textbook):

Suppose \( \triangle ABC \) is a triangle and \( \overline{DE} \) is a segment congruent to \( \overline{AB} \). Then, on each side of \( \overline{DE} \) there is a point \( F \) such that \( \triangle ABC \cong \triangle DEF \).

(You can keep the book and use in your proof any result that precedes 5.10.)