

#29

## Study Guide Chap. 4

Given:  $\overline{AB} \parallel \overline{DC}$   
 $\overline{AB} \cong \overline{DC}$

Prove:  $\triangle ABE \cong \triangle CDE$

Statements	Reasons
$\overline{AB} \parallel \overline{DC}$	Given
$\angle A \cong \angle D$ (A)	Alt. Int. $\angle$ 's $\cong$
$\overline{AB} \cong \overline{DC}$ (S)	Given
$\angle ABE \cong \angle D$ (A)	Alt. Int. $\angle$ 's $\cong$
$\triangle ABE \cong \triangle CDE$	ASA



# Geometry Florida Honors Study Guide

**BM King**



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