Name: _____   **Date:** _____
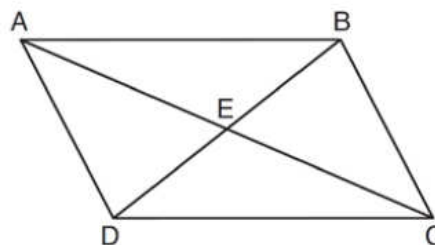
CC Geometry

Proofs with Properties of Parallelograms Homework

1) Given: Quadrilateral $ABCD$ is a parallelogram with diagonals $\overline{AC}$ and $\overline{BD}$ intersecting at E

Prove: $\triangle AED \cong \triangle CEB$

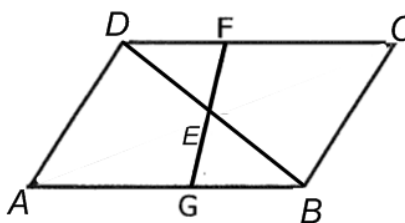| Statements	Reasons

2) Given: ABCD is a parallelogram

$\overline{FG}$ bisects $\overline{DB}$

Prove: $\overline{FE} \cong \overline{EG}$

Statements	Reasons