Republic of the Philippines
Department of Education
REGION IV-A CALABARZON
SCHOOLS DIVISION OF IMUS CITY
GEN. EMILIO AGUINALDO NATIONAL HIGH SCHOOL – IMUS CITY
PALICO IV, CITY OF IMUS

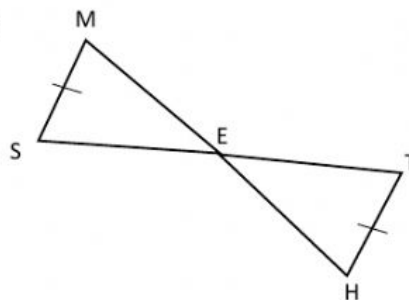Name: _____   Grade & Section: _____

Activity # 3.1

Proving Triangle Congruence

Directions: Complete the two-column proof.

Given: $\overline{MH} \cong \overline{ST}$ bisect each other at E.
$\overline{MS} \cong \overline{HT}$

Prove: $\Delta MSE \cong HTE$

STATEMENTS	REASONS
1.	1. Given
2.	2. Given
3. $\overline{ME} \cong \overline{HE}$	3.
4.	4. Definition of Segment Bisector
5. ∴ $\Delta MSE \cong \Delta HTE$	5.