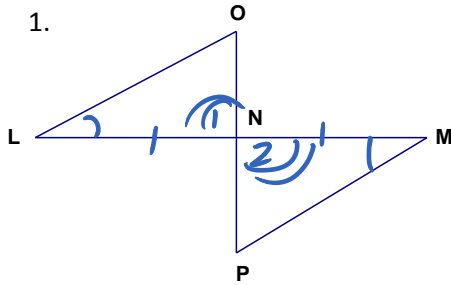


NAME:

CHAPTER 5 POST-ASSESSMENT



Given:  $\overline{LN} \cong \overline{MN}$

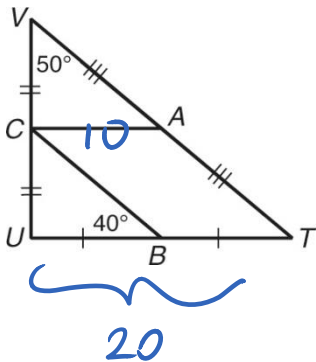
$\angle L \cong \angle M$

Prove:  $\triangle LON \cong \triangle MPN$

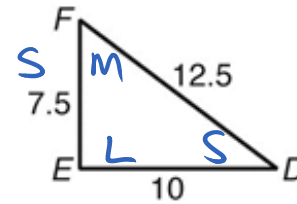
- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| ① $\overline{LN} \cong \overline{MN}$ | ① G                               |
| ② $\angle L \cong \angle M$           | ② G                               |
| ③ $\angle 1 \cong \angle 2$           | ③ $\angle A \cong \angle S \cong$ |
| ④ $\triangle LON \cong \triangle MPN$ | ④ ASA                             |

2. If  $UT = 20$ , find  $CA$ .

10



3. Name the angles in order from smallest to largest/



$\angle D, \angle F, \angle E$

4. If a triangle has side lengths of 5 and 12, what is the range of possible values for the third side?

$7 < x < 17$