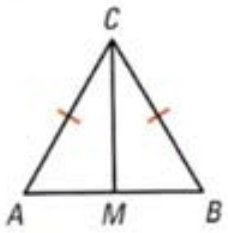
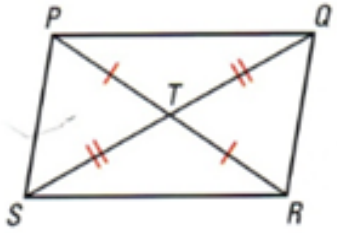
Geometry Week 15 Monday Warm-up

1. **GIVEN** ▶ $\overline{AC} \cong \overline{BC}$, M is the midpoint of $\overline{AB}$.
PROVE ▶ $\triangle ACM \cong \triangle BCM$



Statements	Reasons
1.	
2.	
3.	
4	

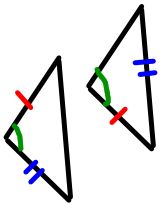
2. **GIVEN** ▶ $\overline{PT} \cong \overline{RT}$, $\overline{QT} \cong \overline{ST}$
PROVE ▶ $\triangle PQT \cong \triangle RST$



Statements	Reasons
1.	
2.	
3.	

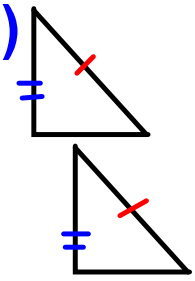
3. Are the triangles congruent? If so, by what postulate or theorem?

a)

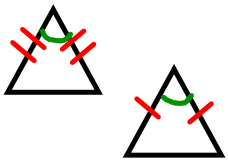


b)

c)



d)



1. In ΔDEF, the side between $\angle D$ and $\angle E$ is ____.

2. In ΔXYZ, the angle included between sides $\overline{XY}$ and $\overline{YZ}$ is ____.

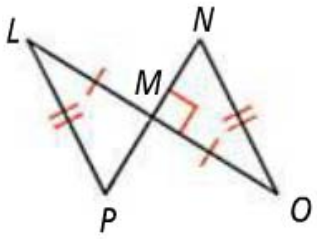
3. If $\Delta DEF \cong \Delta ABC$, then $\angle D \cong$ ____.

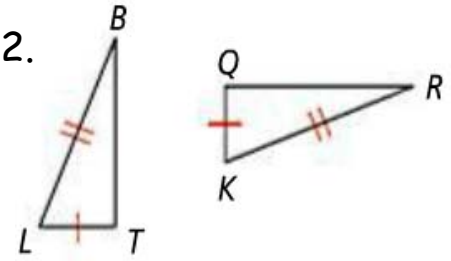
4. If $\Delta XYZ \cong \Delta ABC$, then $\overline{YZ} \cong$ ____.

5. In ΔXYZ, if $\overline{XY} \cong \overline{XZ}$, then $\angle$____ $\cong \angle$____.

Geometry Week 15 Block Day Warm-up

Are the two triangles congruent? If so, name the postulate or theorem you could use to prove they are congruent.

1. 

2. 

3.