### 3.5 Overlapping Triangles

Given the original triangle on the left, redraw a pair of overlapping triangles as 2 SEPARATE triangles. Label all vertices. Follow the example.

2.


D There are 2 pairs
3.5 Overlapping Triangles Geometry Examples

Class Examples (I do, We do):

1) Proof from TE pg. 138 class opener.

Given: $\begin{aligned} & \overline{\overline{P W}} \cong \overline{T M} . \\ & \cong \overline{T W}\end{aligned}$
Prove: $\angle P \cong \angle T$


2) Proof from TE pg. 142 class opener.
$F$
Given:
Prove: $\overline{A D} \cong \overline{B C}$

