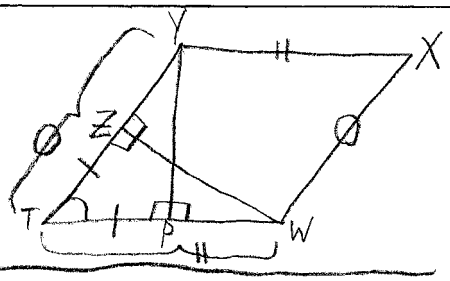
⑧ Given: $\square YTWX$

$\overline{YP} \perp \overline{TW}$

$\overline{ZW} \perp \overline{TY}$

$\overline{TP} \cong \overline{TZ}$

Conclusion: $TWXY$ is a rhombus



1. $YTWX$ is a $\square$	1. G
2. $\overline{YP} \perp \overline{TW}$	2. G
3. $\overline{ZW} \perp \overline{TY}$	3. G
4. $\overline{TP} \cong \overline{TZ}$	4. G
5. $\overline{YX} \cong \overline{TW}$	5. Opp. sides of a $\square$ are $\cong$
6. $\angle T \cong \angle T$	6. Reflex. Prop.
7. $\triangle YTP \cong \triangle WTZ$	7. ASA (6, 4, 2, 3)
8. $\overline{TY} \cong \overline{TW}$	8. CPCTC
9. $TWXY$ is a rhombus	9. If two consec. sides of a $\square$ are $\cong$, then it is a rhombus
	$\square$

§5.7 #8

Commentary:

1. Full credit — no errors of any consequence.
2. Step 5 is not needed.
3. Instead of step 5, I would probably use two steps as follows:

   $\angle TZW$, $\angle TPY$ are rt. $\angle$s (by def. $\perp$)

   $\angle TZW \cong \angle TPY$ (since all rt. $\angle$s are $\cong$)

   However, by the "general agreement" we made earlier this year, I would not deduct points.
4. The "congruent" symbol is $\cong$, not $\cong$.