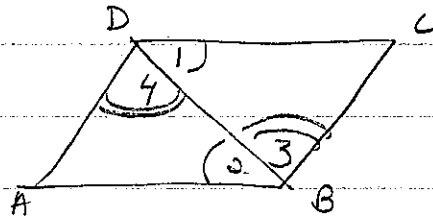


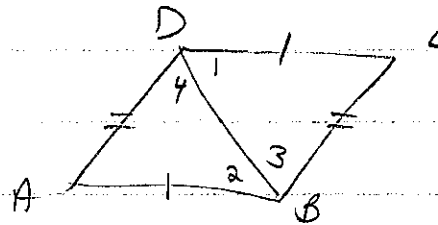
4.3 - Pg 133
Self Test

- 6) G: $\angle 1 \cong \angle 2$; $\angle 3 \cong \angle 4$
P: $\triangle ADB \cong \triangle CBD$



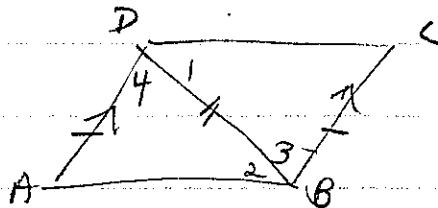
S	R
1. $\angle 1 \cong \angle 2$, $\angle 3 \cong \angle 4$	1. Given
2. $\overline{DB} \cong \overline{DB}$	2. Reflexive
3. $\triangle ADB \cong \triangle CBD$	3. ASA

- 7) G: $\overline{CD} \cong \overline{AB}$; $\overline{CB} \cong \overline{AD}$
P: $\angle 1 \cong \angle 2$



1. $\overline{CD} \cong \overline{AB}$; $\overline{CB} \cong \overline{AD}$	1. Given
2. $\overline{DB} \cong \overline{DB}$	2. Reflexive
3. $\triangle ADB \cong \triangle CBD$	3. SSS
4. $\angle 1 \cong \angle 2$	4. CPCTC

- 8) G: $\overline{AD} \parallel \overline{BC}$; $\overline{AD} \cong \overline{CB}$
P: $\overline{DC} \parallel \overline{AB}$



1. $\overline{AD} \parallel \overline{BC}$; $\overline{AD} \cong \overline{CB}$	1. Given
2. $\angle 4 \cong \angle 3$	2. \parallel lines \rightarrow Alt. int. $\angle^s \cong$
3. $\overline{DB} \cong \overline{DB}$	3. Reflexive
4. $\triangle ADB \cong \triangle CBD$	4. SAS
5. $\angle 1 \cong \angle 2$	5. CPCTC
6. $\overline{DC} \parallel \overline{AB}$	6. Alt. int. $\angle^s \cong \rightarrow \parallel$ lines