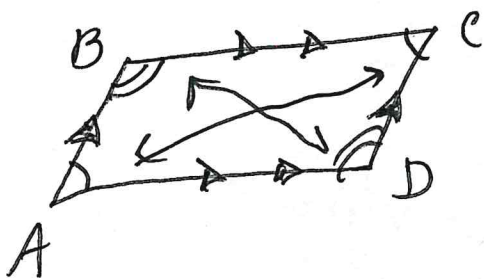


Notes: HWIC

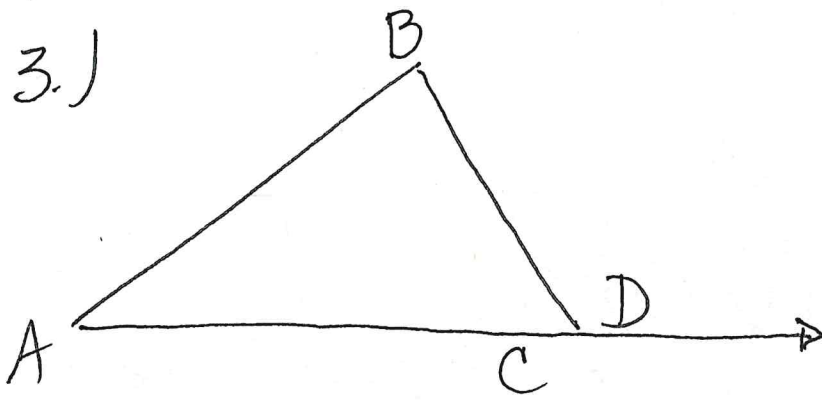
1.) Given $\square ABCD$ is a parallelogram
 $\overline{AB} \parallel \overline{CD}$; $\overline{BC} \parallel \overline{AD}$

Prove $\angle A \cong \angle C$; $\angle B \cong \angle D$



Statements Henry	Reasons Albert
1) See Above ↑	① Given
2) $\angle A + \angle B = 180^\circ$	② Same-side int. \angle 's
3) $\angle B + \angle C = 180^\circ$	③ Same-side int. \angle 's
4) $\angle C + \angle D = 180^\circ$	④ Same side int \angle
5) $\angle A \cong \angle C$	⑤ <u>Transitive Prop.</u> transitive same side int \angle 's
6) $\angle A + \angle D = 180^\circ$	⑥ <u>Transitive Prop</u>
7) $\angle B \cong \angle D$	

3.)



Given Δ

$$m\angle D = 105^\circ$$

$$m\angle A = 56^\circ$$

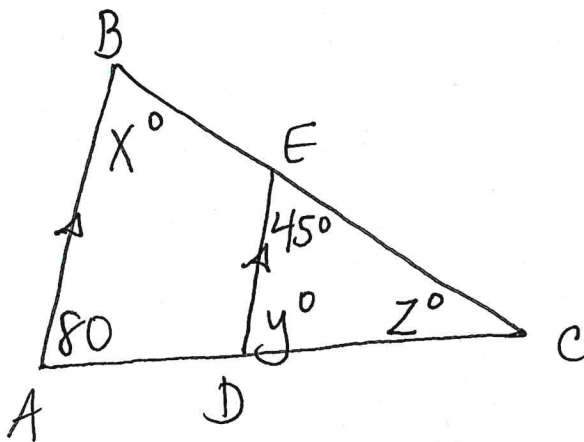
Find $m\angle B$

$m\angle C$

Statements

Reasons

4.)



Given $\Delta \overline{AB} \parallel \overline{ED}$

$$m\angle A = 80^\circ$$

$$m\angle CED = 45^\circ$$

Find: $X^\circ, y^\circ, z^\circ$