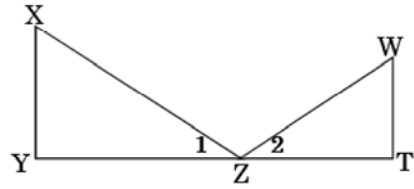


4. Given:  $\overline{XY} \perp \overline{YT}$ ,  $\overline{WT} \perp \overline{YT}$ ,  $\angle 1 \cong \angle 2$

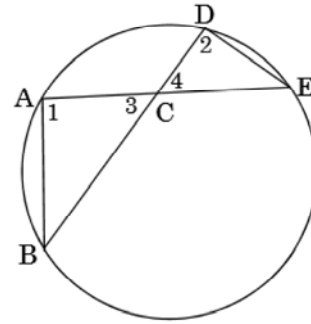
Prove:  $\frac{XY}{WT} = \frac{YZ}{TZ}$



Statements	Reasons
1.	1.
2. $\angle Y$ and $\angle T$ are right angles	2.
3. $\angle Y \cong \angle T$	3.
4. $\triangle XYZ \sim \triangle WZT$	4.
5.	5.

5. Given:  $\angle 1 \cong \angle 2$

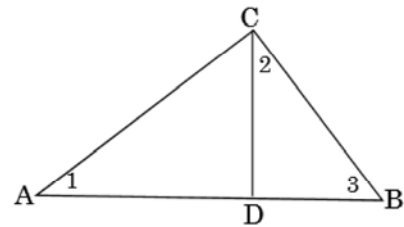
Prove:  $\frac{AC}{DC} = \frac{BC}{CE}$



Statements	Reasons
1.	1.

6. Given:  $\angle ACB$  and  $\angle CDB$  are right angles

Prove:  $\frac{AB}{BC} = \frac{BC}{BD}$



Statements	Reasons
1.	1.