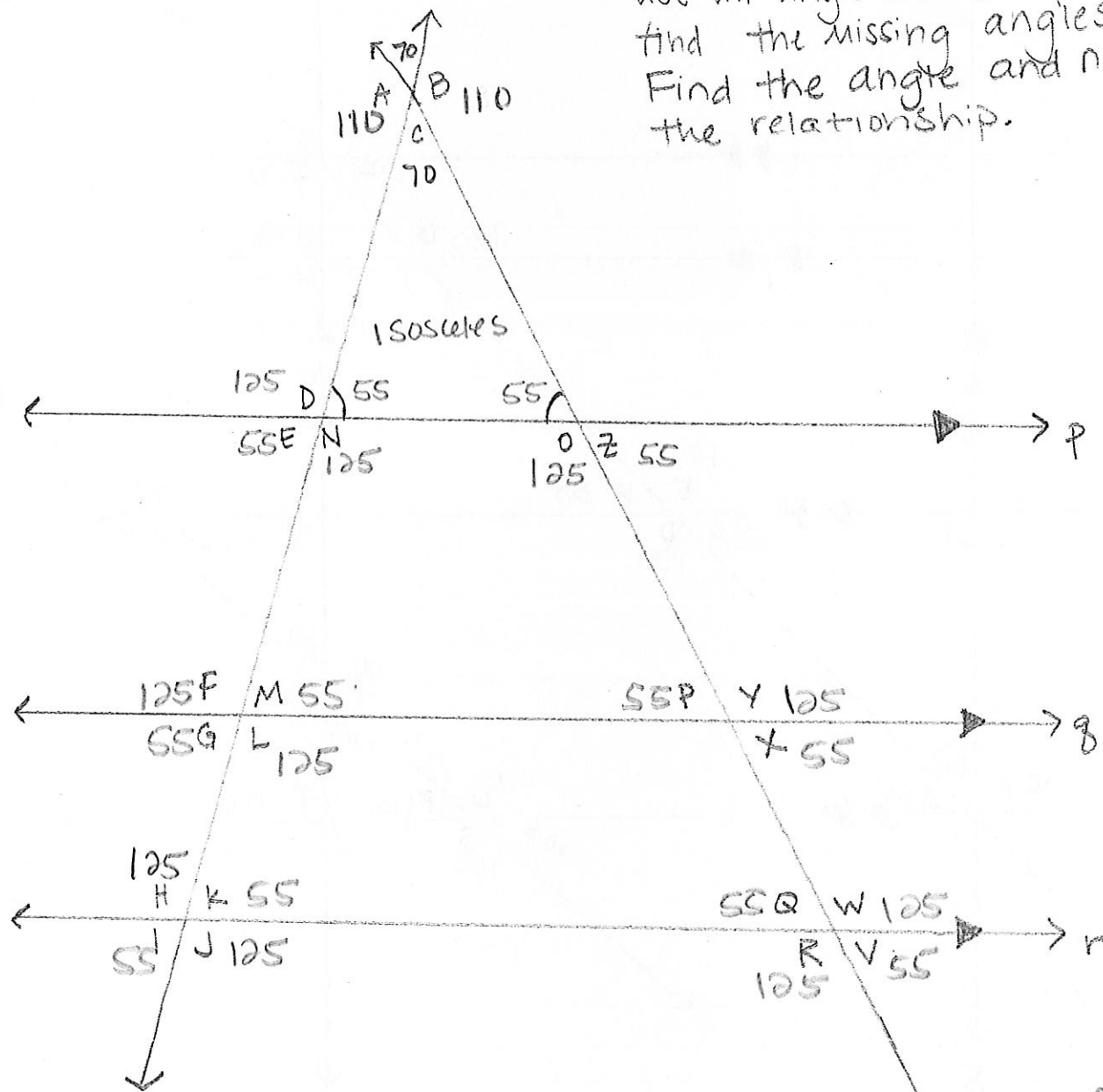


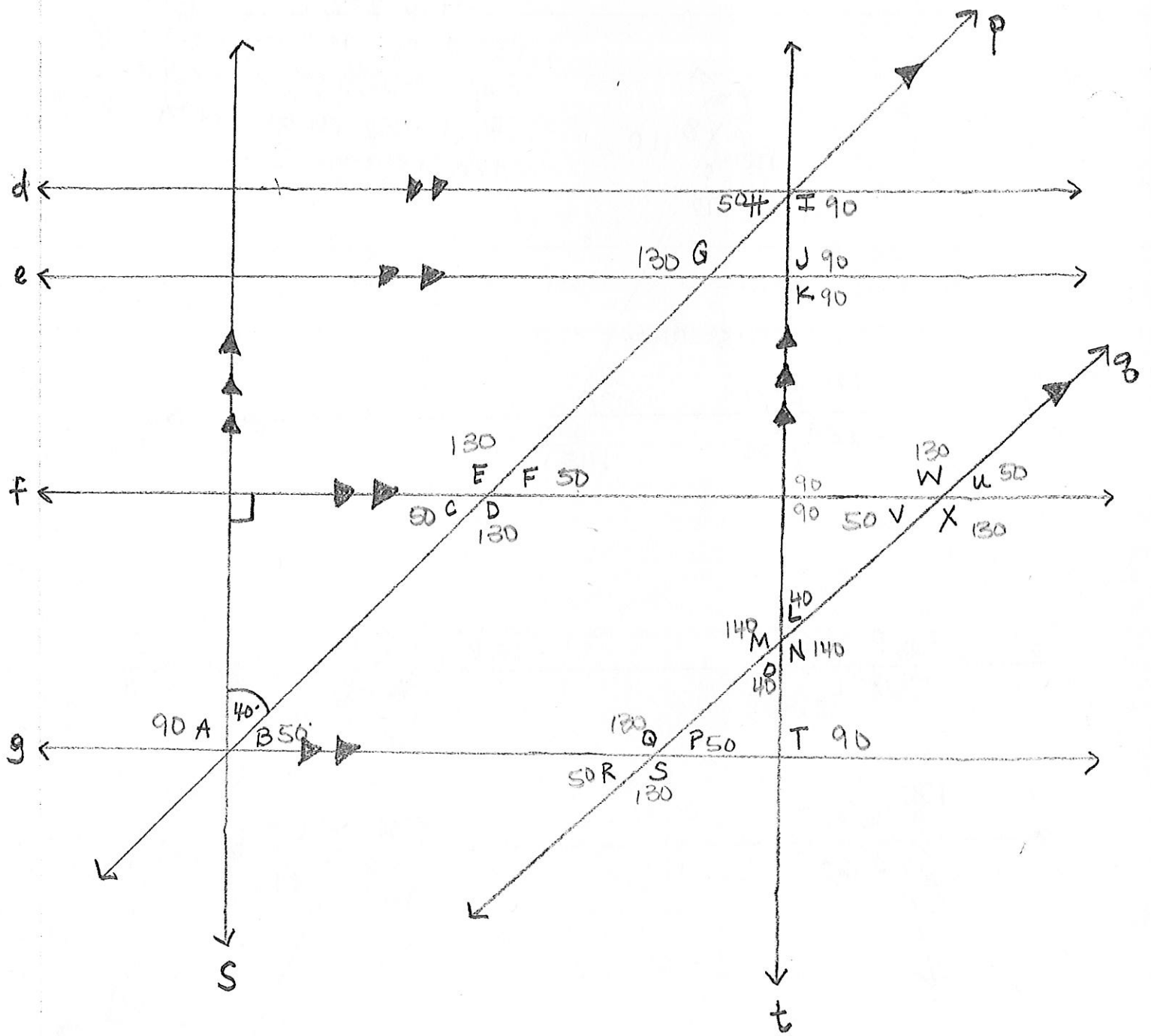
PUZZLE #1

use all angle relationships to find the missing angles. Find the angle and name the relationship.



- | | | |
|---|---|--|
| $m\angle A$ <u>110 LP</u> | $m\angle H$ <u>125 AIA \cong</u> | |
| $m\angle B$ <u>110 LP</u> | $m\angle I$ <u>55 VA \cong, LP</u> | $m\angle O$ <u>125 LP</u> |
| $m\angle C$ <u>70 VA \cong</u> | $m\angle J$ <u>125 AIA \cong</u> | $m\angle P$ <u>55 AIA \cong</u> |
| $m\angle D$ <u>125 LP</u> | $m\angle K$ <u>55 AIA \cong</u> | $m\angle Q$ <u>55 AIA \cong</u> |
| $m\angle E$ <u>55 VA \cong</u> | $m\angle L$ <u>125 VA \cong</u> | $m\angle R$ <u>125 VA \cong</u> |
| $m\angle F$ <u>125 AIA \cong</u> | $m\angle M$ <u>55 AIA \cong</u> | $m\angle S$ <u>80 VA \cong</u> |
| $m\angle G$ <u>55 VA \cong</u> | $m\angle N$ <u>125 LP</u> | $m\angle T$ <u>100 LP</u> |

$m\angle U$ 100 VA \cong
 $m\angle V$ 55 VA \cong
 $m\angle W$ 125 VA \cong



- $m\angle A$ 90 AIA \cong $m\angle H$ 50 SSI $m\angle O$ 40 VA \cong $m\angle V$ 50 VA \cong
- $m\angle B$ 50 comple. $m\angle I$ 90 LP $m\angle P$ 50 corr \cong $m\angle W$ 130 corr \cong
- $m\angle C$ 50 AIA \cong $m\angle J$ 90 LP $m\angle Q$ 130 LP $m\angle X$ 130 VA \cong
- $m\angle D$ 130 LP $m\angle K$ 90 SSI $m\angle R$ 50 VA \cong
- $m\angle E$ 130 VA \cong $m\angle L$ 40 Δ $m\angle S$ 130 LP
- $m\angle F$ 50 AIA \cong $m\angle M$ 140 LP $m\angle T$ 90 SSE
- $m\angle G$ 130 corr \cong $m\angle N$ 140 VA \cong $m\angle U$ 50 corr \cong