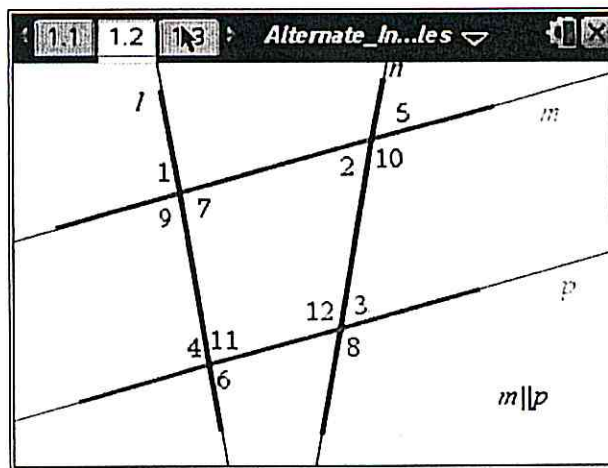


SELECTED RESPONSE: Angle Relationships

Given: $m \parallel p$ State relationships and conditions to answer the questions.



A.) $\angle 1 \cong \angle 4$

Yes or No

Why? Corresponding $\angle$'s are congruent.

B.) $\angle 2 \cong \angle 5$

Yes or No

Why? Vertical $\angle$'s are congruent.

C.) $\angle 3 \cong \angle 4$

Yes or No

Why? Not on the same transversal; $l \nparallel n$

D.) $\angle 3 \cong \angle 5$

Yes or No

Why? Corresponding $\angle$'s are congruent.

E.) $\angle 8 \cong \angle 2$

Yes or No

Why? Not $\cong$, but supplementary; $\angle 8 \cong \angle 10$ and $m\angle 10 + m\angle 2 = 180^\circ$,
so $m\angle 8 + m\angle 2 = 180^\circ$.