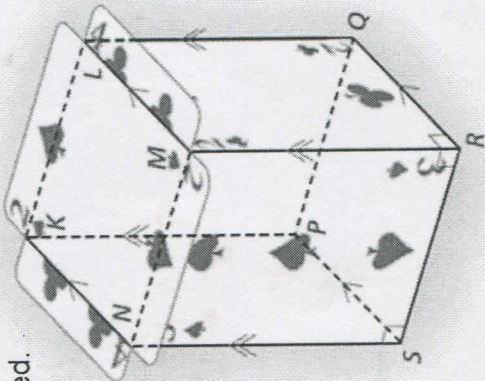


Lesson Title 3.1 Pairs of Lines & Angles Notes

HGEO

Date _____

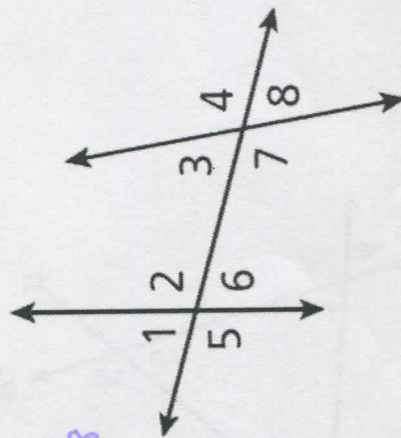
TASK 1: Review: Write, in proper notation, a pair that matches the terms from the diagram provided.



- a) Parallel Segments $\overline{NK} \parallel \overline{ML}$
- b) Perpendicular Segments $\overline{SR} \perp \overline{SN}$
- c) Skew Segments $\overline{PQ} \not\parallel \overline{LM}$
- d) Parallel Planes $\text{plane } NKL \parallel \text{plane } SPQ$

TASK 3:

- a) Corresponding Angles $2 \nleftrightarrow 4; 1 \nleftrightarrow 3; 5 \nleftrightarrow 7; 6 \nleftrightarrow 8$
- b) AIA $2 \nleftrightarrow 7; 6 \nleftrightarrow 3$
- c) AEA $1 \nleftrightarrow 8; 5 \nleftrightarrow 4$
- d) SSIA $2 \nleftrightarrow 3; 6 \nleftrightarrow 7$
- e) SSEA $1 \nleftrightarrow 4; 5 \leftrightarrow 8$

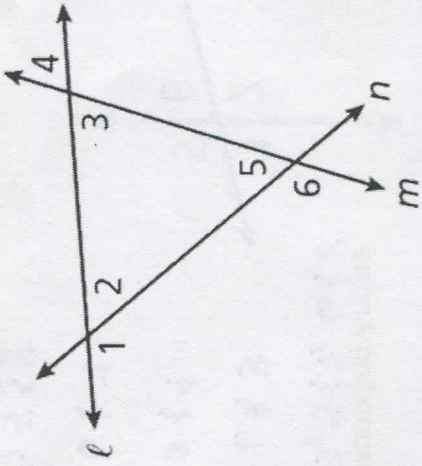


TASK 2:

<p>A. Corresponding \rightarrow</p>	<p>B. SSIA</p>
<p>C. AIA</p>	<p>D. AEA</p>

Reminders to Myself about These Notes

1st word \rightarrow transversal
 same-side or alternate
 2nd word \rightarrow 2 lines
 interior or exterior
 corresponding: same spot different intersection



TASK 4: Identify the transversal and name an angle pair with the classification provided. Diagram above.

$\angle 2$ & $\angle 5$: transversal n classify the angle pair: SSIA

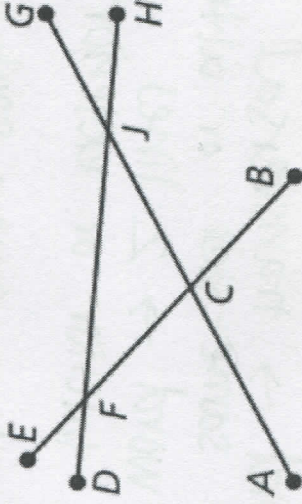
a) Corresponding Angles: $\angle 1 \angle 3$
transversal: l

b) AIA Angles: $\angle 1 \angle 5$
transversal: n

c) AEA Angles: $\angle 2 \angle 6$
transversal: l

d) SSIA Angles: $\angle 2 \angle 5$
transversal: n

e) SSEA Angles: $\angle 7 \angle 4$
transversal: l



TASK 5: Use the diagram provided above, list all possible correct answer that would complete the statement.

a) $\angle BCG$ & $\angle HJG$ are corresponding angles.
 $\angle JFC$

b) $\angle BCG$ & $\angle HJC$ are SSIA.

c) $\angle FCJ$ & $\angle HJC$ are AIA.
 $\angle EFD$

d) $\angle FCA$ & $\angle HJG$ are AEA.
 $\angle EFT$

Still need help with: