

(DN) Define and draw the terms below:

- (a) Bisect
- (b) Perpendicular
- (c) Midpoint
- (d) Congruent

Name _____ Per _____

LO: I can use given facts to make valid conclusions.

(1) Congruence: How can we get congruent sides? Angles?

For each statement below,

- (1) Draw and label a diagram
- (2) Write down what you know based on the statement and the diagram

<input type="checkbox"/> (A) I know that . . .	because . . .
N is the midpoint of \overline{AD}	It is given

<input type="checkbox"/> (B) I know that . . .	because . . .
\overline{UV} bisects \overline{IR} at L	It is given

<input type="checkbox"/> (C) I know that . . .	because . . .
\overline{GH} bisects $\angle THE$	It is given

(1) **Congruence: How can we get congruent sides? Angles?**

cont.

For each statement below,

- (1) Draw and label a diagram
- (2) Write down what you know based on the statement and the diagram

<input type="checkbox"/> (D) I know that . . .	because . . .
$\overline{TO} \perp \overline{KE}$ at N	It is given

<input type="checkbox"/> (E) I know that . . .	because . . .
$\angle ABC \cong \angle CBD$	It is given

<input type="checkbox"/> (F) I know that . . .	because . . .
$\angle XYZ$ and $\angle YZA$ are congruent alternate interior angles	It is given

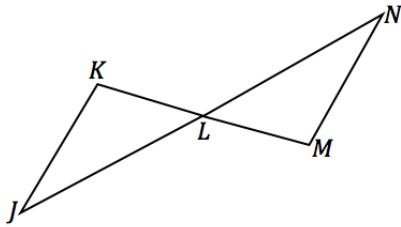
(1) **Congruence: How can we get congruent sides? Angles?**

cont.

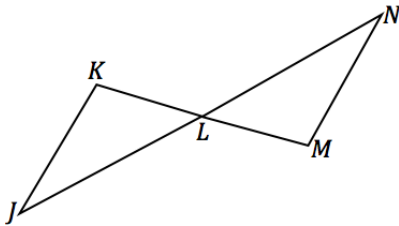
For each statement below,

- (1) Use the given information to mark the diagram
- (2) Write down what you know based on the statement and the diagram

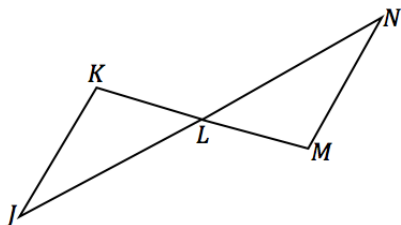
<input type="checkbox"/> (G) I know that . . .	because . . .
\overline{KM} bisects \overline{JN}	It is given



<input type="checkbox"/> (H) I know that . . .	because . . .
\overline{JN} bisects \overline{KM}	It is given



<input type="checkbox"/> (I) I know that . . .	because . . .
$\overline{KJ} \parallel \overline{NM}$	It is given



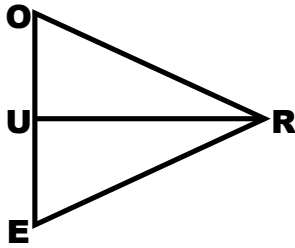
(1) **Congruence: How can we get congruent sides? Angles?**

cont.

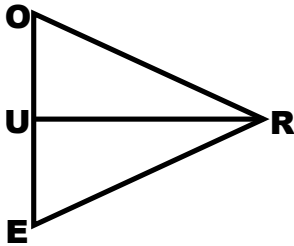
For each statement below,

- (1) Use the given information to mark the diagram
- (2) Write down what you know based on the statement and the diagram

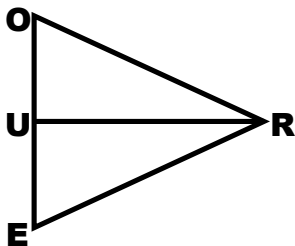
<input type="checkbox"/> (J) I know that . . .	because . . .
\overline{UR} bisects $\angle ORE$	It is given



<input type="checkbox"/> (K) I know that . . .	because . . .
\overline{UR} bisects \overline{OE}	It is given

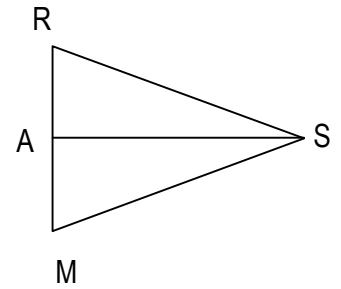


<input type="checkbox"/> (L) I know that . . .	because . . .
$\overline{UR} \perp \overline{OE}$	It is given



(2) **Exit Ticket**

- (1) Use the given information to mark the diagram
- (2) Write down what you know based on the statement and the diagram



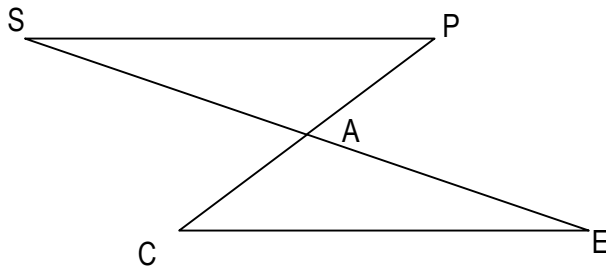
I know that ...	because ...
\overline{AS} bisects $\angle RSM$	It is given

(3) **Homework** For each statement below,
cont.

- (3) Use the given information to mark the diagram
- (4) Write down what you know based on the statement and the diagram

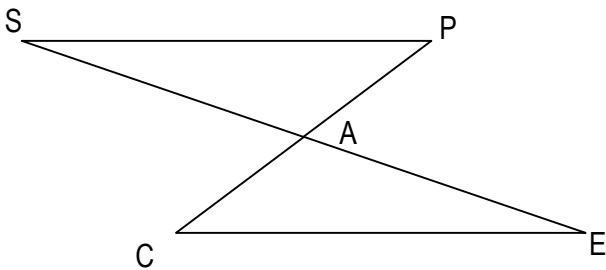
(M)

I know that ...	because ...
\overline{CP} bisects \overline{SE}	It is given



(N)

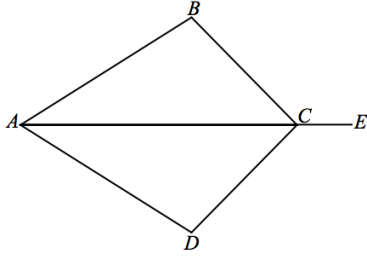
I know that ...	because ...
\overline{SE} bisects \overline{PC}	It is given



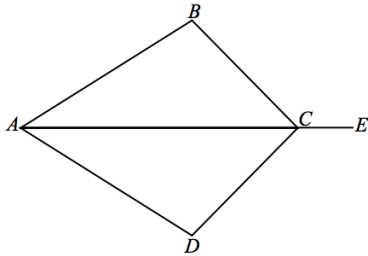
(3) **Homework** For each statement below,
cont.

- (1) Use the given information to mark the diagram
- (2) Write down what you know based on the statement and the diagram

<input type="checkbox"/> (O) I know that . . .	because . . .
\overline{AE} bisects $\angle BAD$	It is given



<input type="checkbox"/> (P) I know that . . .	because . . .
\overline{AE} bisects $\angle BCD$	It is given



<input type="checkbox"/> (Q) I know that . . .	because . . .
\overline{BD} bisects $\angle CBA$	It is given

