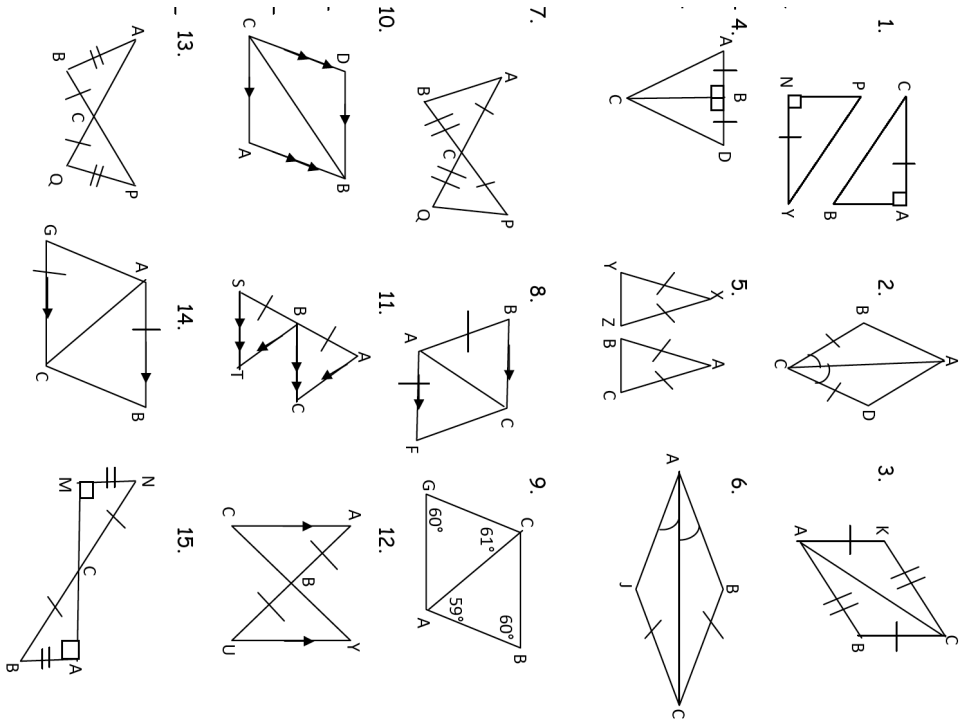
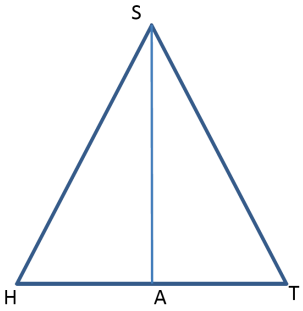
Answer all questions on a separate sheet of paper.

Monday 12/10: Complete the conditional statement △ABC≅△_____ by _____, or state that triangles cannot be proven congruent.



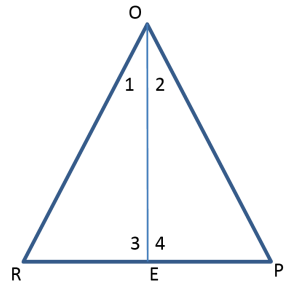
Tuesday 12/11: Copy the diagram and write a proof.



Given : $\overline{SH} \cong \overline{ST}$; A is the midpoint of $\overline{HT}$

Prove : $< H \cong < T$

Wednesday 12/12: Copy the diagram and write a proof.

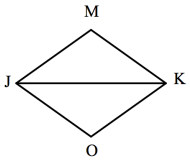


Given : OR = OP ; $\overline{OE}$ bisects < ROP

Prove : < 3 ≅ < 4

Thursday & Friday 12/13-14: Copy the diagrams and write a proof for each diagram.

(1)

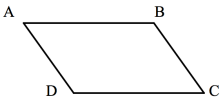


Given: $\overline{MK} \cong \overline{OK}$

$\overline{KJ}$ bisects ∠MKO

Prove: $\overline{KJ}$ bisects ∠MJO

(2)

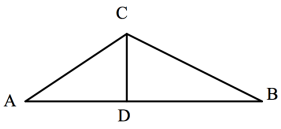


Given: $\overline{AD} \parallel \overline{BC}$

$\overline{AD} \cong \overline{BC}$

Prove: $\overline{AB} \cong \overline{CD}$

(3)



Given: $\overline{CD} \perp \overline{AB}$

D is the mp of $\overline{AB}$

Prove: $\overline{CA} \cong \overline{CB}$

Answer all questions on a separate sheet of paper.

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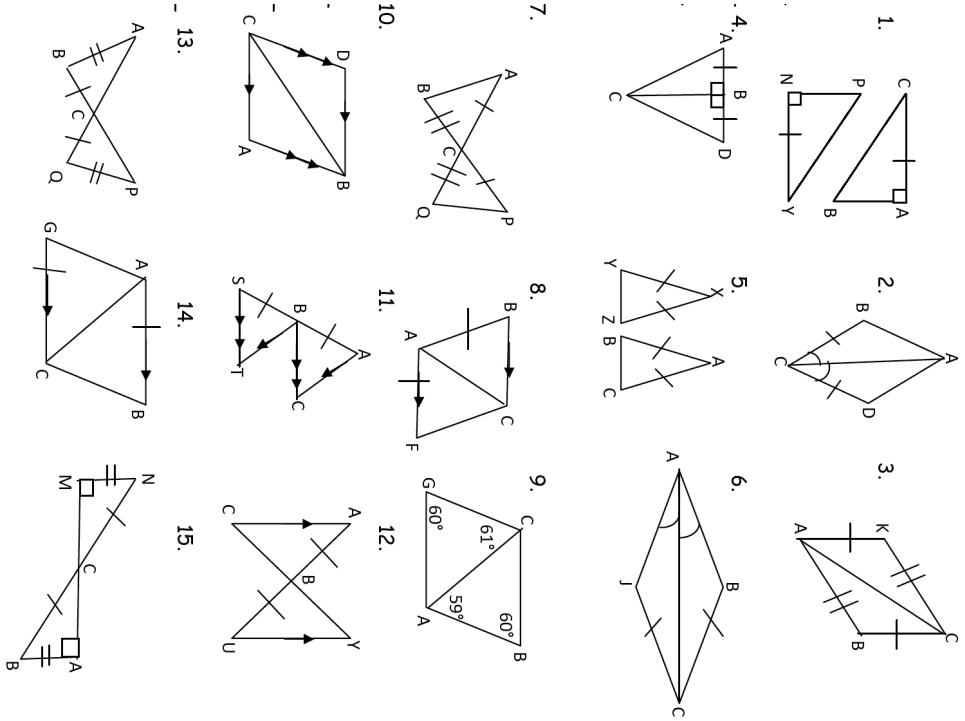

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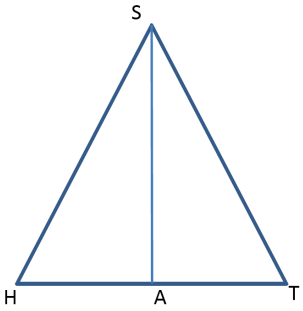

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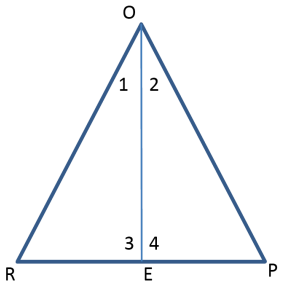

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Prove: ∠3 ≅ ∠4

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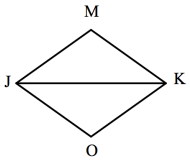

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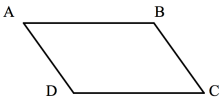

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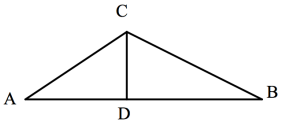

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