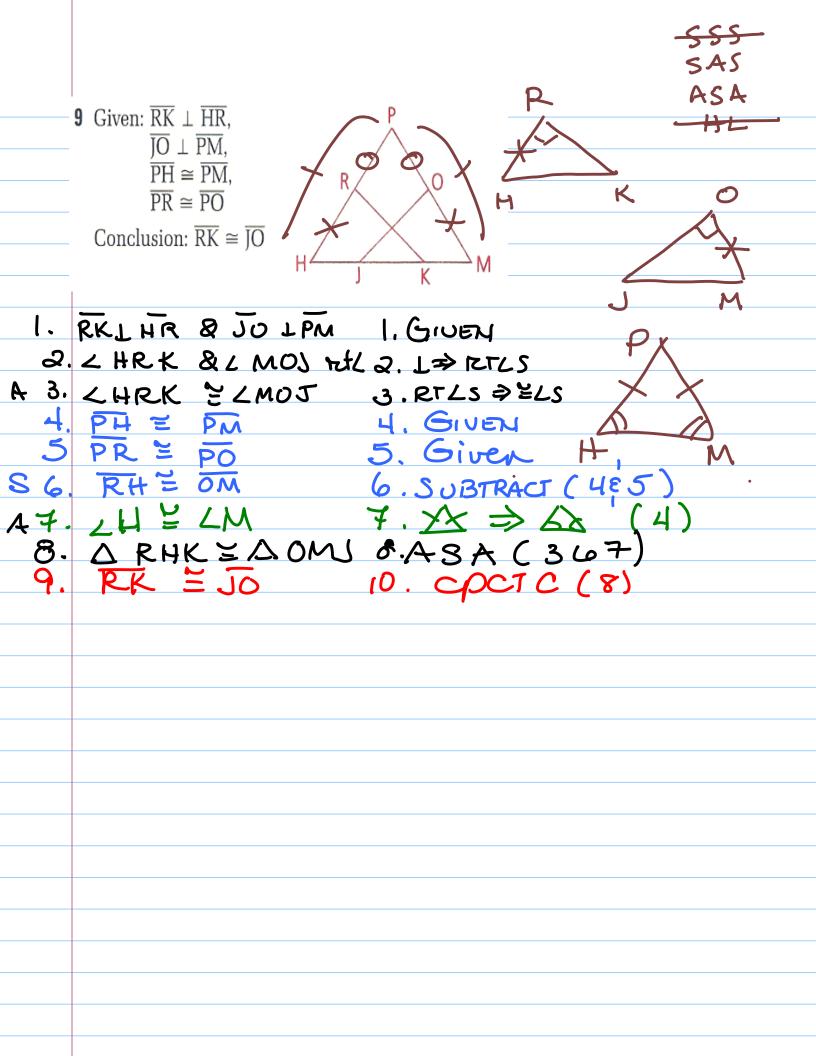
Note Title 10/27/2015 1. SSS 2. SAS? NEED TO PROVE J. HL 3. ASAJ ZLS before USL NO prs of ZLS → HL, need rtLs (not ZLS) to state rtA.  $A \Rightarrow \Delta$  or  $\Delta \Rightarrow \Delta$ If yon say 1. ∠A=LT 2. CA ≚ CT by (A) ⇒ X What nuds to be quist? A 8 Reading marked diagrams yes, HL

think → "Ľ" 5 Algebra isos D The tratio of the base of an to its legs is 3:2. The perimeterie 56. to its find the length of each side. xx 2x = 16 Sum sides - penneter 7x = 56 义 = 8 3X=24 2C=50 & 2D=x-32 △CAT ≌ △DOG Find X.  $\angle C = \angle D$ <u>30- x-32</u> Qpages (front + back → Usides) calc pg no calc lpg

OPDER MATTERS. N AJIM ZA DAN A JAM = AADN sides B <u>/\_s</u> Classify by EQUILATERAL ACUTE SCALENE RIGHT ISOSCELES OBTUSE Quact  $A = \pi r^2$ leave C=IId or C-2rIT ind  $A = \frac{1}{16}\pi$  is  $\frac{\pi}{16}$ ,  $C = \frac{\pi}{2}$  or  $\frac{1}{2}\pi$ d=ar

IF <u>LA</u> = <u>LC</u> IS TS a median 15 equation set up 2 Δ TC = TA $\angle A = LC$ or CS = SA Given (☆⇒☆) WRONG Assuming What you need to Correct show. (1/5)



**12** Given:  $\overline{\text{CD}} \cong \overline{\text{EF}}$ , SSS  $\overline{\text{JF}} \perp \overline{\text{JD}}$ ,  $\overline{CH} \perp \overline{HE}$ , M G  $\overline{CH} \cong \overline{IF}$ Prove:  $\overline{JD} \cong \overline{HE}$  $\mathbf{J}$ H F D E 1. JF+JD¢CH+HE I.GIUEN 2. ∠CHE &∠FJDrtLs2. 1 ⇒rtLs (1) 3. Given 4. Rej 5. Add (384) TEZ 6. Given 6. CH Y FJ T. ACHE ZAFJD T. HL(2,5,6) 8. CPCTC (7) 8. JD = HE