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The Ambiguous Case of the Law of Sines

Ambiguous Case Slide Show.ppt

am·big·u·ous ◁) [am-big-yoo-uh s] ② Show IPA adjective

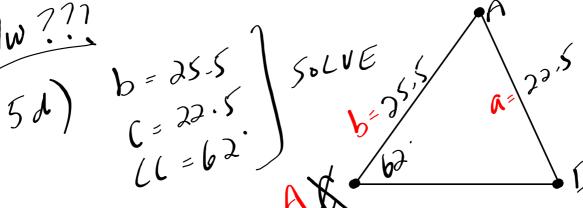
- **1.** open to or having several possible meanings or interpretations; equivocal: *an ambiguous answer*.
- Linguistics . (of an expression) exhibiting constructional homonymity; having two or more structural descriptions, as the sequence Flying planes can be dangerous.
- 3. of doubtful or uncertain <u>nature</u>; difficult to comprehend, distinguish, or classify: <u>a rock of ambiguous character</u>.
- 4. lacking clearness or definiteness; obscure; indistinct: an ambiguous shape; an ambiguous future.



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$$b = 25.5$$
 $C = 22.5$
 $C = 62$



OCriteria for Ambiguous _ SSA V

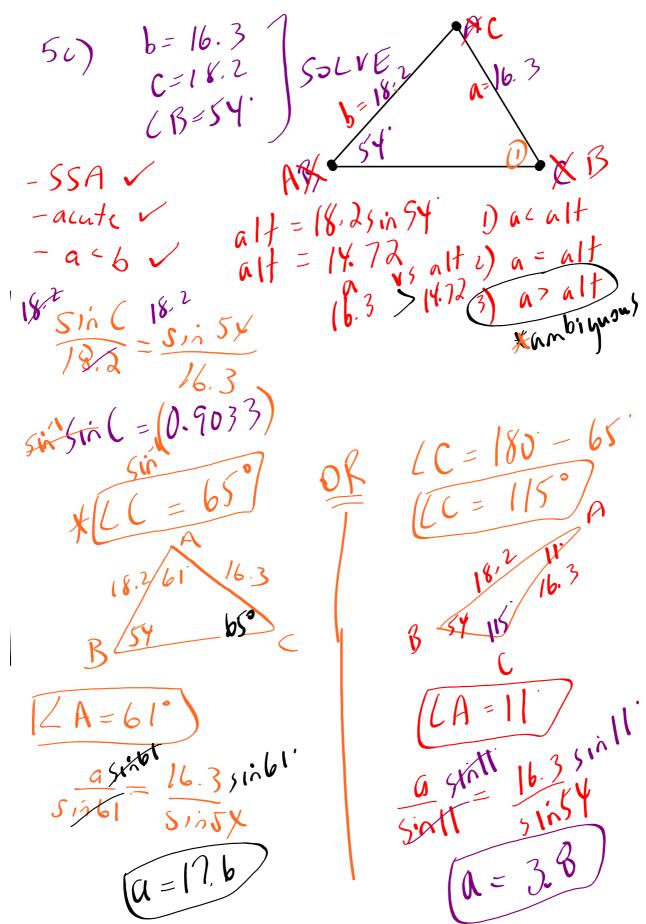
- given angle is auter - a l b

2) Calculate altitude (alt=bSinA

$$alt = 25.551.62$$
 $alt = 22.52$

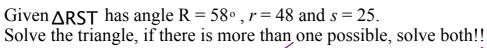
(no solution) 1) a = alt 1 right triungle 2) a = alt xambiguous -> 2 solutions 3) a > alt xambiguous -> 2 solutions 1) Calc => acute * @ 180-0 => obtuse

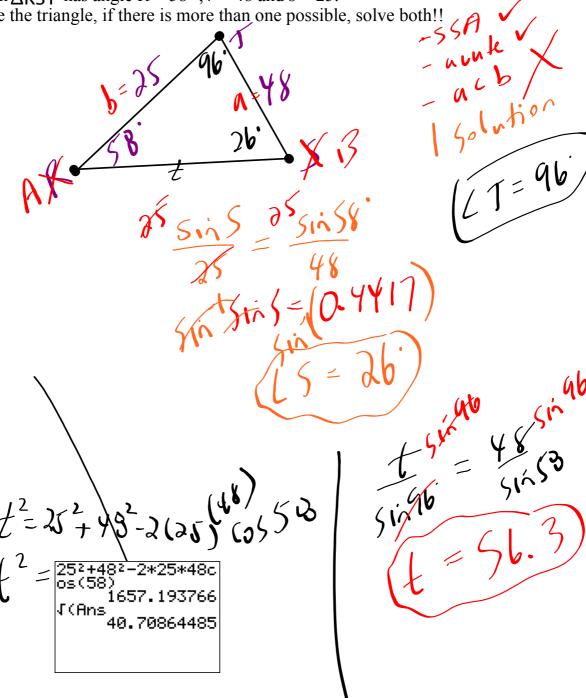
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Warm Up





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HOMEWORK...

Worksheet - Ambiguous Case.pdf #6

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