

Section 8.1: The Law of Sines

Tuesday, March 03, 2015
12:11 PM

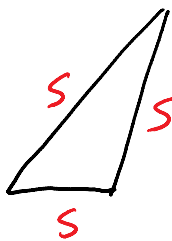
oblique triangle - a triangle which is not a right triangle

recall: to solve a right triangle, need three pieces of info:

- ① right angle
- ② } any other two pieces of info,
- ③ } one of which must be a side

to solve an oblique triangle, need three pieces of info, one of which must be a side

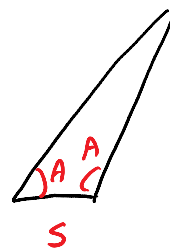
situations:



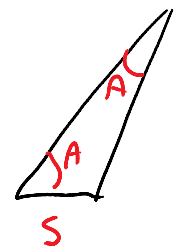
SSS



SAS



ASA

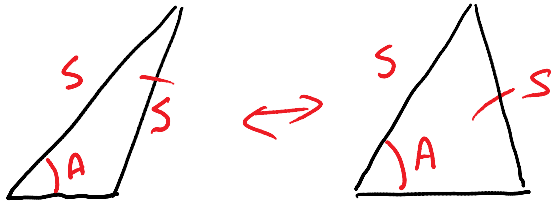


AAS



effectively the same situation because you can find the third angle

→ sum of angles = 180°



SSA

ambiguous case - there
may be two possible
solutions