Section 8.1: The Law of Sines

oblique triangle — triangle that is not a right triangle

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

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

to solve an oblique triangle, need three pieces of info in total, one of which must be a side
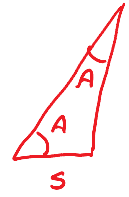
5 scenarios:

SSS   SAS   ASA   AAS

effectively the same because you can find the third angle (sum = 180°)

SSA

more than one solution

ambiguous case
- could be two different
triangles