

Feb 2-9:51 PM

6.1 Area and the Law of Sines day 2

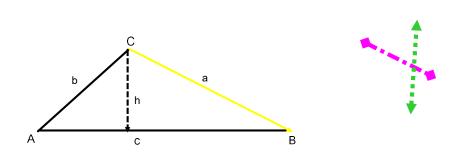
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Ambiguous Case

What does ambiguous mean?

The ambiguous case for Law of Sines occurs when you are given an acute angle and two sides.

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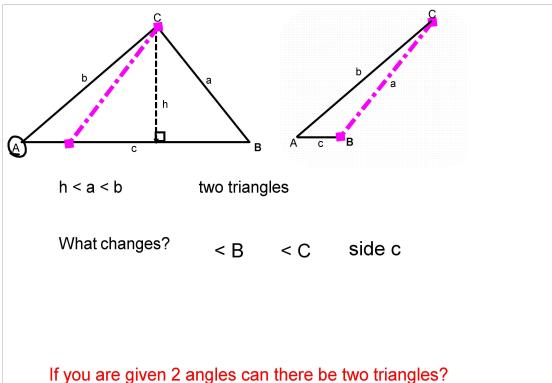


The angle given is acute. We will call it A.

a < h no triangle

a = h one triangle - right

 $a \ge b$ one triangle

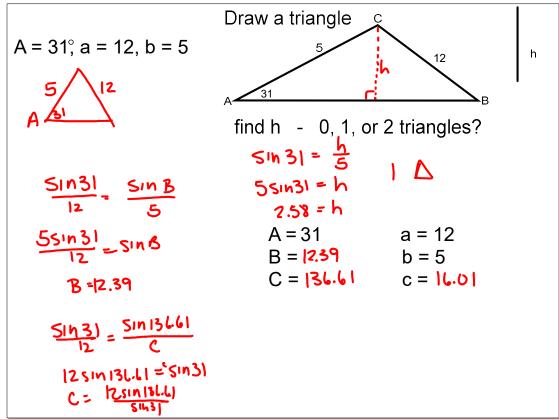


Apr 3-11:10 AM

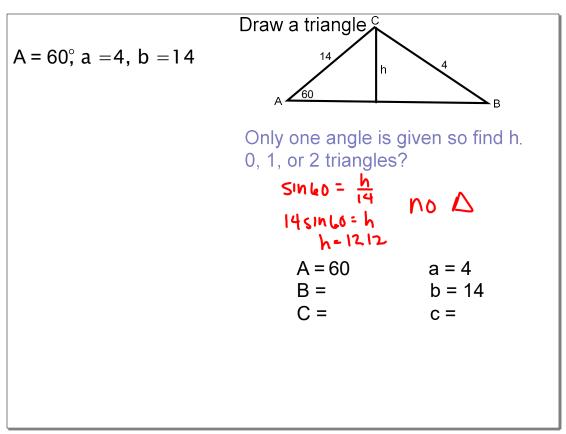
If you are given only one acute angle.....always test to determine the number of triangles. height < opp side < odij side

then two triangles!!!! Find h if h < a < b(big, bigger, biggest)

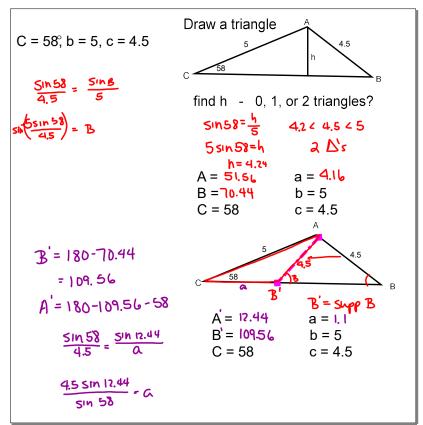
Remember: the variables may be different, so if the height is smaller than the opposite side and the opposite side is smaller than the adjacent side, then you have an ambiguous triangle.



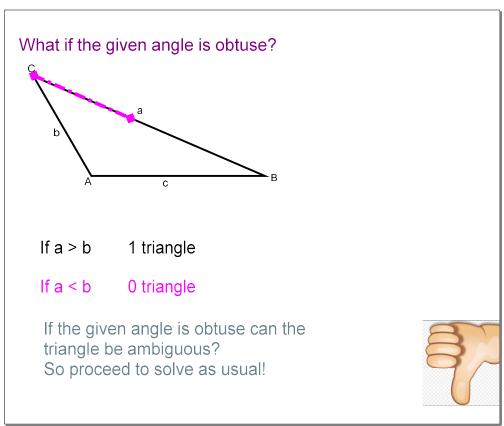
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Homework

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