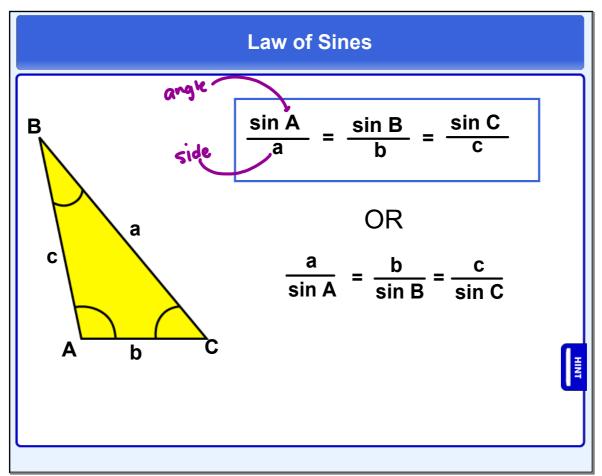
## 14.4 Law of Sines

Feb 21-8:50 AM

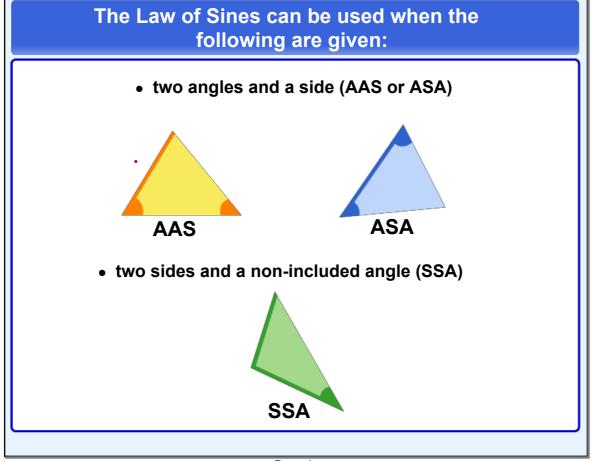


If you are not given a right triangle, can you still use SOH, CAH, TOA? Why or why not?

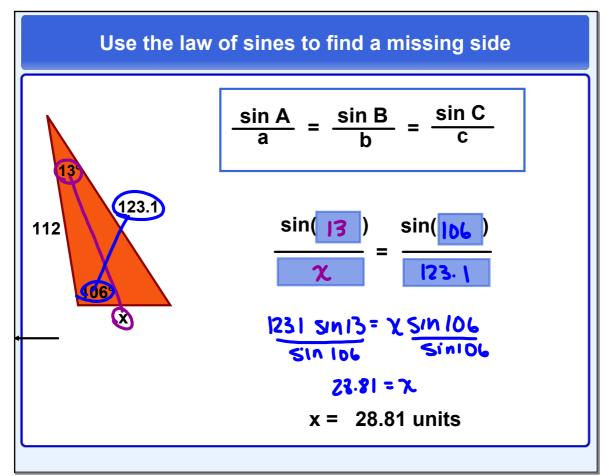
→ How do you find the sides and angles of a triangle, if it's not a right triangle?



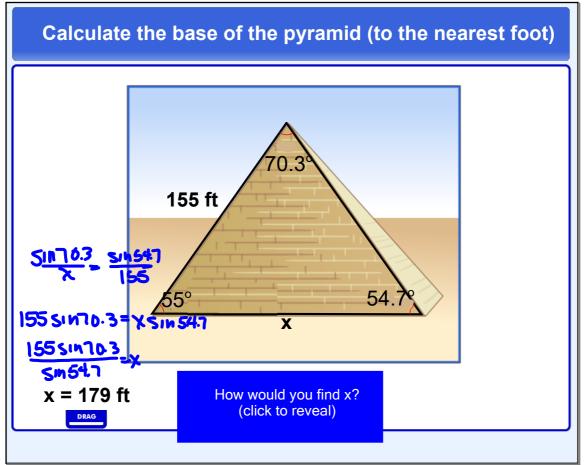
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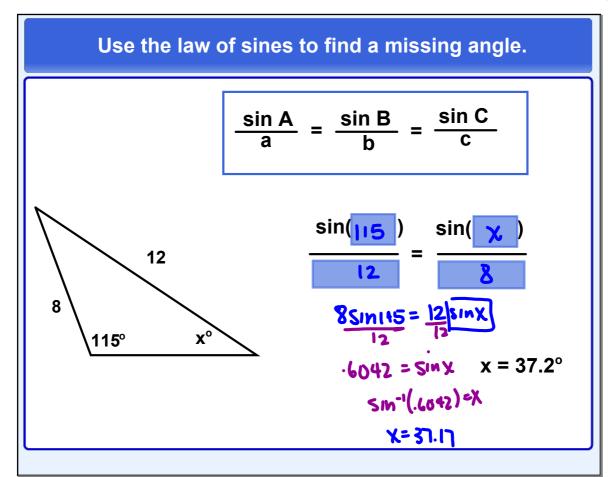
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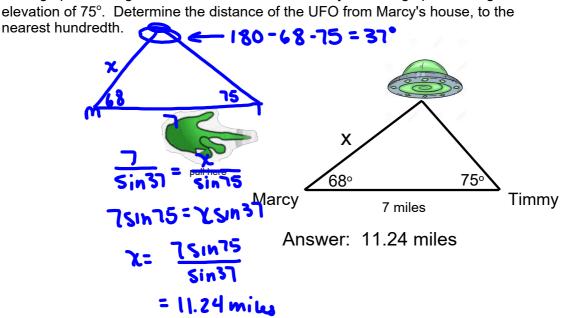
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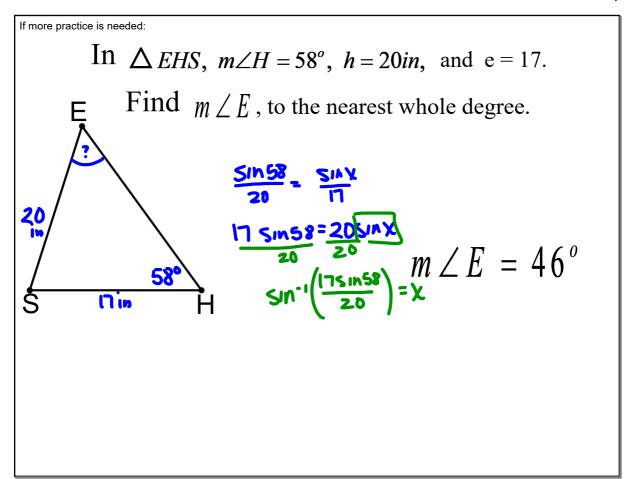
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## Draw a diagram with labels, write a trig equation and then solve.

Marcy and Timmy, who live 7 miles apart, are both looking up at a UFO in the sky, which is hovering in the air somewhere between their two homes. Marcy is looking up at an angle of elevation of 68°, and Timmy is looking up at an angle of elevation of 75°. Determine the distance of the UFO from Marcy's house, to the



Aug 29-11:17 AM



Aug 29-11:17 AM

