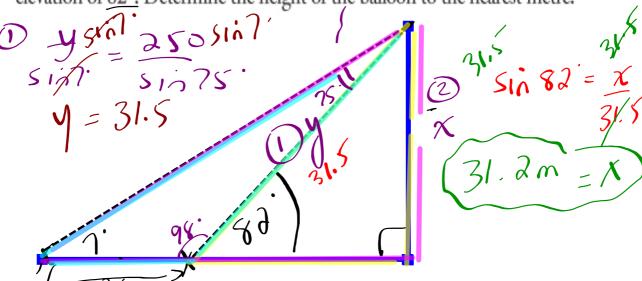
## WARM-UP...

## EXAMPLE 2 Solving a problem using the sine law

Colleen and Juan observed a tethered balloon advertising the opening of a new fitness centre. They were 250 m apart, joined by a line that passed directly below the balloon, and were on the same side of the balloon. Juan observed the balloon at an angle of elevation of 7° while Colleen observed the balloon at an angle of elevation of 82°. Determine the height of the balloon to the nearest metre.



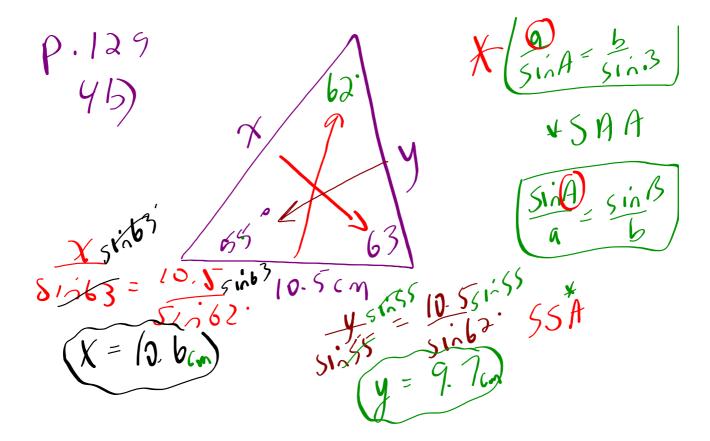
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Homework? Ambiguous Case Worksheet

4a) 28.5 V & SSA

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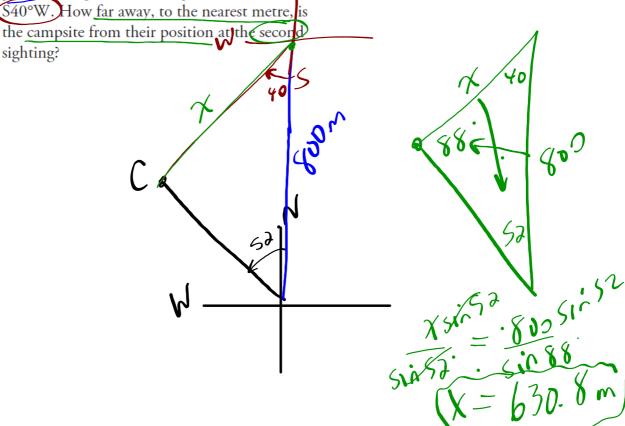
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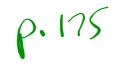


October 26, 2017 Untitled.notebook

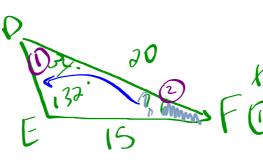
8. As Chloe and Ivan are paddling north on Lac La Ronge in Saskatchewan, they notice a campsite ahead, a N52°W They continue paddling north for 800 m, which takes them past the campsite. The campsite is then at \$\times 40\circ W\$. How far away, to the nearest metre, is

sighting?

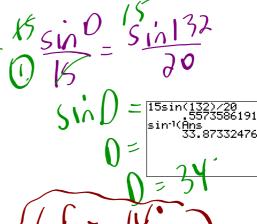




**5.** In  $\triangle DEF$ ,  $\angle E = 132^{\circ}$ , e = 20 cm, and d = 15 cm. Determine the measure of  $\angle F$  to the nearest degree.



-SSA X-acute angle Isolution



## REVIEW TIME!!!

MORE practice in class...test tomorrow!

Review for Test - Lots of Practice from the Textbook!!!	
Chapter Review	<b>Page 128</b> (chp 3
(Frequently Asked Questions)	Page 153
Friday	Page 174 Page 199
Practice Questions	Page 129 #1 - 9 7
* Ambiguous (ase > 4.3 All 1d)	Page 129 #1 - 9 Page 154 #1 - 12
	Page 175 #1 - 9 Page 200 #1 - 8
Practice Tests Practice	Page 152 #1 - 8 Che . 3 Page 198 #1 - 7 Che . 4
	Page 198 #1-7 (hy. )