

## Challenging Word Problems 6

(Updated 2/3/2010)

Page				Printing
101	Review Problems 3	19	The drawing is not possible. AE has to be 37.5 by reason of similar triangles. The answer would then be 246.5 cm <sup>2</sup> . However, students have to assume the triangle is equilateral and BH tangent to the circle. So many assumptions make this a poor problem, even if AE is 37.5. Omit.	To 2007
	<b>Answers</b>			
129	Top. Probs. 4	15	119.625 cm <sup>2</sup>	To present
130	Rev. Probs. 4	3(b)	4715	To 2007