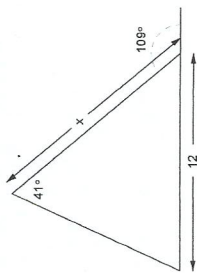
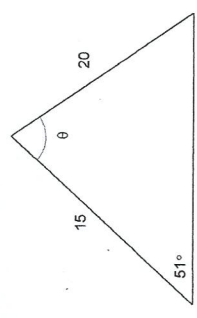
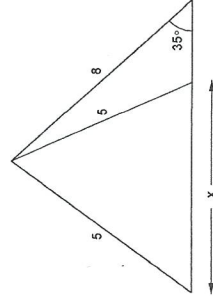
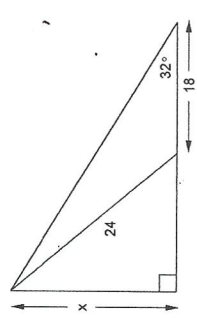
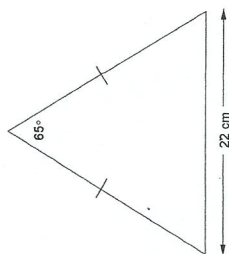
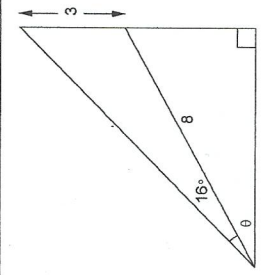
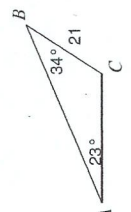
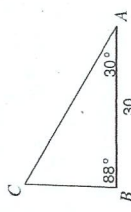
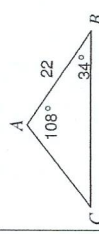
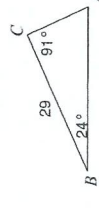
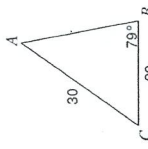
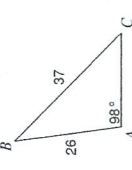
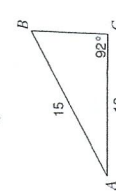
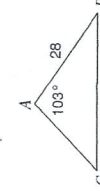


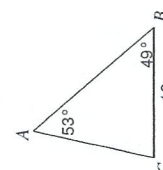
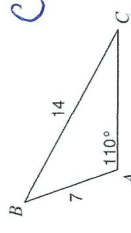
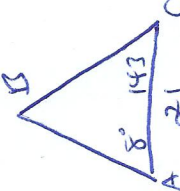
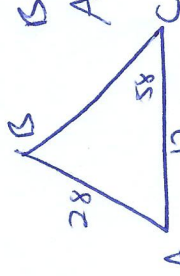
III. Critical Thinking Problems – Find side x , angle θ , what is asked for each given figure. Round to tenth place. Figures NOT DRAWN to SCALE. Must SHOW WORK for credit!

13.)		$x = 17$
14.)		$\theta = 93.3^\circ$
15.)		$x = 6.4$
16.)		$x = 19.8$
17.)		Perimeter = 63 cm
18.)		$\theta = 26.7^\circ$

Advanced Functions – 7.1 WS: Law of Sines (LOS) Name: key (answers only)
I. Find the indicated side or angle for each given triangle. Round to tenth place. Show work!!!

1.) Find side b.		$b = 30.1$
2.) Find side a.		$a = 17$
3.) Find side a.		$a = 34$
4.) Find side c.		$c = 32$
5.) Find angle A.		$A = 46^\circ$
6.) Find angle C.		$C = 44.1^\circ$
7.) Find angle B.		$B = 60^\circ$
8.) Find angle B.		$B = 34^\circ$

II. Solve each triangle. If no drawn triangle is given, draw one. Round to tenth place. Show work!

9.)		$C = 78^\circ$ $b = 17$ $c = 22$
10.)		$C = 28^\circ$ $B = 42^\circ$ $b = 10$
11.)		$B = 29^\circ$ $a = 6$ $c = 26$
12.)		$B = 31^\circ$ $A = 91^\circ$ $a = 33$