Answer Presentation Tool

	Book	Course 3		Chap	oter 3			
S	ection	2 - Exercises		Ex	xercises	4, 7-9, 12-	16, 19-21	(26 exercises.)
Displa	y Cols	1 Show S	olutions					
4.	30°, 6	50°, 90°						
7.	25°, 4	5°, 110°						
8.	44°, 4	8°, 88°						
9.	48°, 5	59°, 73°						
12.	128°							
13.	140°							
14.	108°							
	is equation of the angle not 1 $(2x - The e$	measure of ual to the two non es. The sur 80° ; (12) = x + x = 42 exterior ar $() - 12)^{\circ} =$	sum of a adjacen n of all - 30 ngle is	the mea it interio	isures or	s		

- **16.** See *Taking Math Deeper*.
- **19.** sometimes; The sum of the angle measures must equal 180°.
- **20.** always; Because the sum of the interior angle measures must equal 180° and one of the interior angles is 90°, the other two interior angles must sum to 90°.
- **21.** never; If a triangle had more than one vertex with an acute exterior angle, then it would have to have more than one obtuse interior angle which is impossible.