

Honors Precalculus – Sullivan & Sullivan
Chapter 8 2010-2011

Section	Activities/Resources	Assignment
8.1		11-26 by 3s, 50, 56,
8.1/8.2		8.1: 64, 71, 73, 80 8.2: 14-16
8.3		9-21 eoo, 26, 32
8.2	Ambiguous Case	19-28 by 3s, 33, 38, 39
8.4	Geometry Review (Appendix, Section 9)	14, 24, 25, 28, 39, 43
Review	Quiz 8.1 to 8.3	2, 6, 12, 14, 22, 26, 32, 36, 42, 46, 50
Review		1, 5, 11, 13, 21, 25, 31, 43, 49
9.1	Chapter 8 Test	1-8, 9-25 eoo

8.1 14. 1 20. 1 26.a) $\frac{1}{2}$ b) 5 c) 2 d) $\frac{5}{4}$ 50. 838 feet 56. 1978 feet
 64. $S16.6^\circ E$

8.2 22. $\alpha = 65.4^\circ$ $\gamma = 74.6^\circ$ $a = 2.83$ 28. $\alpha = 86.5^\circ$ $\gamma = 53.5^\circ$ $a = 6.21$ 38. 6.8 inches or 10.6 inches
 $\alpha = 34.6^\circ$ $\gamma = 105.4^\circ$, $a = 1.77$ $\alpha = 13.5^\circ$ $\gamma = 126.5^\circ$ $a = 1.45$

8.3 26.a) 227.6 miles b) 149.7° 32. 501.3 ft and 518.4 ft

8.4 14. 1.73 24. 30.59 28. 326.73 square feet

Review 2. $\beta = 55^\circ$ $c = 8.72$ $b = 7.14$ 6. $\beta = 130^\circ$ $a = .54$ $b = 2.38$ 12. $\gamma = 63.8^\circ$ $\alpha = 36.2^\circ$ $c = 4.56$

14. $\alpha = 83.3^\circ$, $\beta = 44^\circ$, $\gamma = 52.7^\circ$ 22. $\gamma = 60^\circ$ $b = 11.52$ $c = 10.13$ 26. 4.28 32. 1.98 36. 1.5mph
 42. a) 6.5° b) 420.55 mph 46. 71.1 feet apart 50. $S4.0^\circ E$