

Objectives	Problems	Vocab/Formulas
9.2 pp. 339-341 Find the area of a triangle given two sides and the included angle.	p. 342 #3, 8, 9, 11, 15, 16, 17, 20, 31	The area, K , of $\triangle ABC$ is $K = \frac{1}{2}absinC$
9.3 pp. 345-347 To use the Law of Sines to find unknown parts of a triangle.	p. 347 #2, 5, 6, 7, 9, 11, 19, 21, 27	In $\triangle ABC$ $\frac{sinA}{A} = \frac{sinB}{B} = \frac{sinC}{C}$
9.4 pp. 350-352 To use the Law of Cosines to find unknown parts of a triangle	p. 352 (written) #3, 5, 9, 16, 18, 21	In $\triangle ABC$ $c^2 = a^2 + b^2 - 2abcosC$
Review	p. 355 #1, 4, 5, 7, 9, 12, 13, 15, 22, 24, 25, 26, 28	