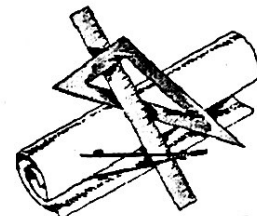


# Unit 4. Trigonometry.



Lesson	Section	Topic	Assigned work
1	5.1	Trigonometric Ratios of Acute Angles.	p. 280-282 #3, 4bcd, 5ii & iv, 6, 7a, 8b, 9, 10, 12-16, 18
2	5.2	Special Angles	p. 286-288 #1-4, 7-11, 12b, 13, 14
3	5.3	Trigonometric Ratios of any Angles. Unit circle.	Worksheet
4	5.3, 5.4	Trigonometric Ratios of any Angles. Negative Angles.	p. 292 #1-4 p. 299 #1, 2bc, 4, 5
5	5.4	Trigonometric Ratios of any Angles.	p. 300 #6, 7, 8aef, 9bcdf, 10ac, 12-14, 16
6	5.6	QUIZ The Sine Law	p. 318-319 #4a, 6, 8, 9, 10
7	5.7	The Cosine Law	p. 325-327 #2a, 3bc, 5-8, 10, 11, 14
8	5.6	The Sine Law: Ambiguous Case	p. 318-319 #2, 3b, 3, 5abc
9	5.6	The Sine Law: Ambiguous Case	p. 320 #11, 12, 14, 15 p. 327 #12, 13 Worksheet
10	5.8	Solving Three-Dimensional Problems	p. 332-335 #3bd, 4, 5-7, 9, 10, 13, 14
11		In-Class Assignment	p. 338 -339 #1, 2, 3c, 4bc, 5, 8bc, 9, 10a, 11-13
12		Unit Review	p. 340 #1-3, 6-8
13		Test	

## The Unit Circle

For any angle  $\theta$ :

$$(x, y) = (\cos \theta, \sin \theta)$$

