

By the end of the unit, it is expected that you will:	😊 EXCELLENT	😐 LOOK OVER	😞 WHAT??
Demonstrate an understanding of angles in standard position, expressed in degrees and radians.  EXAMPLES Graph the following angle in degrees and radians in standard position: $\frac{4\pi}{3}$			
Understand how the unit circle is used to determine the value of trigonometric functions.			
Solve problems, using the six trigonometric ratios for angles expressed in radians and degrees.  EXAMPLES The point (-3,4) is on the unit circle. Determine the values of the six trig ratios.			
Graph and analyze the trigonometric functions sine, cosine and tangent to solve problems.  EXAMPLES Graph the following and solve $\sin 2x = -\frac{1}{2}$ for $0 \leq x < 2\pi$			
Solve, algebraically and graphically, first and second degree trigonometric equations with the domain expressed in degrees and radians.  EXAMPLES Graph the following and solve $2\sin^2 x - \sin x - 1 = 0$ for $0 \leq x < 2\pi$			

## Workbook stuff

### Pages

Section and Page number	Questions
6.1 Page 255	1odd, 2odd, 3odd, 4odd, 5odd, 6odd, 7odd, 8odd, 9, 11
6.2 Page 262	1odd, 2odd, 3, 4, 5odd
6.2 Page 264	6 odd, 7odd, 8odd (similar triangles), 9, 12
6.3 Page 273	1a-f, 1k-p, 2 odd(no e), 3all, 4all, 5 odd, 6 even
6.3 Page 275	7 even, 8, 9, 10, 11, 12
6.4 Page 284	1, 2, 3odd, 4, 5odd, 6, 10
6.5 Page 289	1, 4, 8, 9, 10
Review	Content organizer / review package / text review