Trig Equations & Identities HW Outline

July 23, 2016   10:10 AM

Lesson	Assignment
1. Solving First Degree Trig Equations	p. 595 # 2, 7-15
2. Solving Second Degree Trig Equations	p. 601 # All
3. Solving Equations Involving Multiple Angles	p. 613 # 4-12
4. Trigonometric Identities Part 1	
Basic, Reciprocal, Quotient & Pythagorean	p. 620 # All
5. Trigonometric Identities Part 2	p. 629 # 1-7
6. Sum and Difference Identities	p. 636 # All
7. Double Angle Identities	p. 643 # All
8. Using Identities to Solve Equations	p. 649 # 1-10
9. Review	p. 655 # All

PLO's

A5. Solve, algebraically, and graphically, first and second degree trigonometric equations with the domain expressed in degrees and radians.

A6. Prove Trigonometric identities, using: reciprocal identities, quotient identities, Pythagorean identities, sum or difference identities (restricted to sine, cosine and tangent), double-angle identities (restricted to sine, cosine and tangent).