14.1-2 Law of Sines and Cosines

    Ex 1. Solve the triangle B = 18 degrees, C = 65 degrees, and b = 9

    Ex 2. Solve the triangle a = 6, b = 4, and c = 12

    Ex 3. Find the area b = 15, c = 8, and A = 35 degrees

14.3-5 Trig Identities

Prove an identity – Like the most recent worksheet with 16 problems.

    Ex 4. $\sec \theta + \csc \theta = (\tan \theta + \cot \theta)(\cos \theta + \sin \theta)$

    Ex 5.

$$\cos\left(\frac{3\pi}{2} - \theta\right) = -\sin \theta$$

Prove double and half-angle identities

    Ex 6. P. 931 #28-35

14.6 Trig Equations

    Ex 7. P. 932 #38-43

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