Name: _____   Date: _____

Learning Goal 4.2	Solving first- and second-degree equations over restricted domains and all real numbers.

More Questions

1. Solve the following trigonometric equation on the specified domain for exact value(s) of θ, where possible. Otherwise round your answers to the nearest hundredth.

   a. $7\cos\theta + 5 = 2 - 3\cos\theta, \ \ 0° \leq \theta < 360°$

   b. $17 + 3\cot\theta = 29, -2\pi \leq \theta \leq 2\pi$

   c. $4\csc x - 5 = 3, -180° \leq x < 360°$

   d. $7\cot\theta - 4 = 6\cot\theta - 5, 0 \leq \theta < 4\pi$