Pythagorean Identities Quiz

1. Solve for and round your answer(s) to the nearest tenth.
2. If 0.3 is a solution to , determine the general solution in terms of .
3. Solve for .
4. Solve for .
5. Prove

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1. Prove

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1. Determine the number of solutions for for where .
2. For the function , where and are positive constants, determine an expression for the smallest positive value of x that produces the minimum value of .