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statement the equation $x^2 + 1 = 0$ has no solutions." In the context of the real numbers, this In the context of the real numbers, this statement is true; there is no real number x with the property that $x^2 + 1 = 0$.

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mathematics. Logical thought and logical arguments are not easy to come by, nor is it always clear whether a given argument is logical (that is, logically correct).

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Robert A. Beezer is a Professor of Mathematics at the University of Puget Sound, where he has been on the faculty since 1984. He received a B.S. in Mathematics (with an Emphasis in Computer Science) from the

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