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| **Standard normal values: Advanced** Let http://www.phoenix.aleks.com/alekscgi/x/math2htgif.exe/M?Ybe a [standard normal random variable](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1_PLtPg3qPdtqvW9jL18EYVyi8uoVbty6sUtFBhHkV7yqraAgSPXgBcUYcyjH71g3D-OhHbVtMDdzD-mSzrC9F3DpLHPX1MKN5aVcUnFeRdmFpIveYo?1SfX2_hPnjFocb7FgVEPdACleYn5o2ved5fQXxdfqA0co7mVNFQTTodEqIXwVNExLqaJMZvUD9SrD_OH8jD0HXZFrGs3xufuI5Rqu7UalijkIyyGBbFy_RhgEoPVWwe9-YR). Use the calculator provided to determine the value of http://www.phoenix.aleks.com/alekscgi/x/math2htgif.exe/M?%60such that http://www.phoenix.aleks.com/alekscgi/x/math2htgif.exe/M?S%23%2B%60%23%25of%23Y%23%25of%23%2E3%2D5%3B%2A%23%3E%233%2D1357. Carry your intermediate computations to at least four decimal places. Round your answer to at least two decimal places.  |

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