**Normal distribution raw scores**

Suppose that the heights of adult women in the United States are [normally distributed](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1FZJAZ_O1ZQB19GXu0MBSJcT5iswPDWY7PJBO5fbqPhY1mVyvtZev5tvB4HrHNhOWaleWwuDl-0dPIjZonmc3713lBjuJ53haqYoZVAtmo6n3UelD8q?10htkO8hH2oW_SKMSF3pJ7mAvy6_vajBUiVxPYDpPnK_NaQmizMgmmWomqnsdUvISWQTEuOdtOE8AQgZuol4zyRsz8UYgiS_BKopP7HPKekWgdIA0b8x_vBD) with a [mean](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1bE8tr3nqra7q5Kuju_LEHvKi9k_V_-K6hb7FXypkpGKqPdEgGElgX928-sHvJGZRSIMR4YgWDXmVkKJObFDJQ2BWHKGYgeRGGhsxmXklkvJJtUabQo?1N1oN8Z7jZQLY9x1mK57LrtSFdJBziCEHTnqMbZnVtueQnQU-aBwLDCDJYeJJqZ7GKfZcxkOXS5CLCel7sCgmoleHwm0lTCafPxWfKqDhYUfMiGWqZq) of http://www.phoenix.aleks.com/alekscgi/x/math2htgif.exe/M?57%2D6inches and a [standard deviation](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1fdHXG80gGwhgr3VY3upQnmemZb7qcxeWULh6snjzw_egSrXZBhPZsCirAJOsd_A-Xuo-f0PIuQCq2Zq7jswDxjbInZybsp38ildEofvw2eqDv-TCPy?1P-iqRHqMb34Fyvetgmq3-FhzwQ1mHkNDmWgase0HgoCnc348KKWrxi-rGWFDtZG133nq6l1cEs6LiS_fS5SQMnFQvdZ9z_GYgLDsf0-iPxe9FL87-CY-Bfx) of http://www.phoenix.aleks.com/alekscgi/x/math2htgif.exe/M?1%2D7inches. Jennifer is taller than http://www.phoenix.aleks.com/alekscgi/x/math2htgif.exe/M?%3A3%26of the population of U.S. women. How tall (in inches) is Jennifer? Carry your intermediate computations to at least four decimal places. Round your answer to at least one decimal place.