**Standard normal probabilities**

Let be a [standard normal random variable](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1of_sIdfV_iPVR1qe8ToxVCjoYelQq3jFOWPMJ0t3-njVbmnq6f1qJxmj6NhcYTE21XW5p5zsr8Yk1XKZH6eSUuyK71gt0SO0ymzngzqNv-Z3h47mTy?1FIQPpM30EVFNVEs_Nh3Qo-f2QY8YtmpQ2ouIHluHakrYf9xUroJSdlkHhjOcJh6p-F5oMNGg6rmgpxXd1pcO78YuDBTtSIC82mDVjsUau_48gZo4VTt7iXQXk5JG4HwKQo). Calculate the following [probabilities](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1hvIhpSQpWJ_p00rnjsPlvg-qfEgKsnjDmhPJzBtNNw-pTDnowv1oz_ecwehjfsE0_lWv5a9hYTYO_lKm65eGb9yQG0Xao6G22DzetHr3AGZNy38ZQy?1DARPVnn0wvZNpPT_3ynQqtJrcrQGzkPDeTlbQ1yYt3eq5fmguS6meV2mQHoLlqvzd_SMM9cBmhiPIcUoZNxX-haPIjL06opx48FeRgb9HbJVqq) using the calculator provided. Round your responses to at least three decimal places.

P (z > - 0.82) =

P (z ≤ 0.77) =

P( -0.81 < z < 1.25) =