## GRAPHS AND STATISTICS: Normal Distributions - 100\%

 www.jmap.orgThe question may require you to determine the percent of a normal distribution within a given interval. The question may be in terms of probability instead of percent.

The scores on a collegiate mathematics readiness assessment are approximately normally distributed with a mean of 680 and a standard deviation of 120 .

Determine the percentage of scores between 690 and 900 , to the nearest percent.
Add a Calculator page.
Enter menu, 5, 5, 2 to bring up this wizard.
Enter 690 as the Lower Bound, 900 as the Upper Bound, 680
as the mean, $u$, and 120 as the standard deviation, $\sigma$.
To determine a value, as required by this question, you must
show the calculator input, such as by writing the information
on either screen.
43 is the correct response.



