1.2

I will use the same information in 1.2.2.b

,so the fraction between $[-1, 1]$ is the

actual U.P population average between

-1 inch and 1 inch which is 68.2%.

I need the probability for more than

1 inch and -1 inch which is

$P(x) = 1 - 0.682 = 0.318 = 31.8\%$

How do you know the standard deviation of the
population is 1? Would need to know this in order
to use results from previous problem without scaling.