less th	an X. lower 1-99099 UPAL: X	2 Vars : Molmal a	edf • • • • • • • • • • • • • • • • • • •
lower +	Name Munky Mr. Schlansky	lavel Upper U = mean T = Stanladduntion	DateAlgebra II
soper: adada	Normal Dist	tribution Witho	ut the Curve
	1. The weights of bags of Gras mean of 4.3 ounces and a stand a bag of these chocolate candie 1) 0.2257 2) 0.2743	dard deviation of 0.05 ounce	s. What is the probability that
noimul (df	2. The weight of a bag of pears deviation of 0.5 pound. The was a normal distribution. Determine weighed <i>more</i> than 8.25 pound	eights of all the bags of pearine what percentage of bags,	rs at the market closely follow
			VIPEN, 999999999999999999999999999999999999
			.308. (100)=31/2
poinal cdf	3. The scores of a recent test ta distribution with a mean of 225 students who scored between 2	ken by 1200 students had ar and a standard deviation of 200 and 245.	lower = 200
		,9929 (1200) (191)	Upper = 245 U= 225 V= 18
	4. The heights of women in the inches and a standard deviation between 64 and 69.5 inches, to 1) 6 2) 48 3) 68 4) 95	of 2.75 inches. The percent the nearest whole percent, $47 - (100)$	distributed with a mean of 64 at of women whose heights are is $ \begin{array}{c} lower = 64 \\ lower = 64 \\$
	5. The weights of students on the mean of 135.3 pounds and a star members, how many of them, to less than 132 pounds?	andard deviation of 2.8 pour	nds. If the team has 32

with a produ will b 1) 0 2) 0 (3) 0	.4612	d deviation of 8.5 hours. If a	60-watt lightbulb
noimaled distrib	e number of hours students spent stouted with a mean of 14 hours and mly selected, what is the probabiliting? Round your answer to the near	a standard deviation of 3.2 ho ty that a student spent more th	ours. If a student is
devia	e scores on a math test are normally tion of 4.7. If 248 students took the ten a 70 and an 80?		6.2 and a standard any students got  lower - 70  upper - 80  u = 7.2  T = 4.7
distril 2500	e number of hours of sleep employed outed with a mean of 7.1 hours and employees at the company, approximate stan 5 hours of sleep?	a standard deviation of 1.4 h	ours. If there are the nearest person, $lowi = -99999999999999999999999999999999999$
of 68 above the 75	the scores on a mathematics college and standard deviation 7.2. Students the mean will not be enrolled in the foliance incoming students can be expected as a lower form of the foliance of the mean will not be enrolled in the foliance of t	e-entry exam are normally dist nts scoring higher than one sta he mathematics tutoring program	tributed with a mean andard deviation ram. How many of