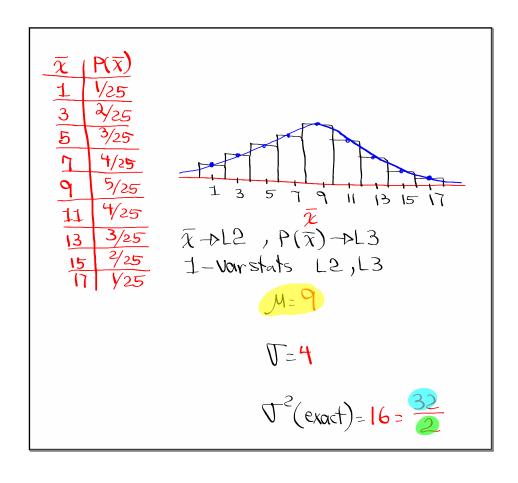
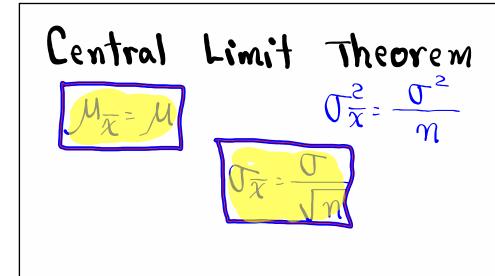


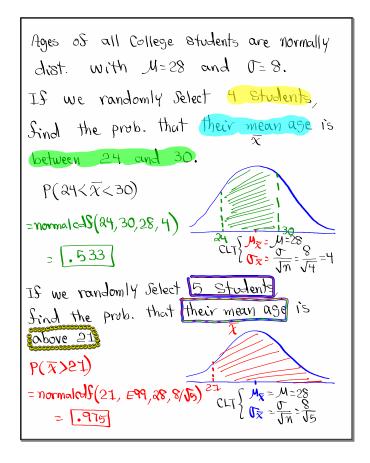
Clear all lists.  Reset all lists.  Store  Use 1-Vor stats with LI  W=5
2,4,6,8 in L1. T=2.236
Let's take all Samples (Reduced Fraction)=5 of Size 2) with replacement  From this data.  Sind \$\overline{\chi}\$ of each Sample
2,2 2,4 2,6 2,8 2 3 4 5
4,2 4,4 4,6 4,8 3 4 5 6
8,2 8,4 8,6 8,8 5 6 7 8
$\frac{\overline{x}   P(\overline{x})}{2   1/6}$ Draw Prob. dist. Histogram
3 2/16 4 3/16 5 4/16 6 3/16 7 2/16 8 1/16

$ \begin{array}{c cccc} \hline x & P(x) \\ 2 & 1/16 \\ \hline 3 & 2/16 \\ \hline 4 & 3/16 \\ \hline 5 & 4/16 \\ \hline 6 & 3/16 \end{array} $	$\overline{\chi} \rightarrow L2$ P( $\overline{\chi}$ ) -> L3  1-Var Stats L2, L3  M=5
7 3/16 8 V16	T=1.581  T <sup>2</sup> (Reduced Fraction)=5  Samples of Size 2

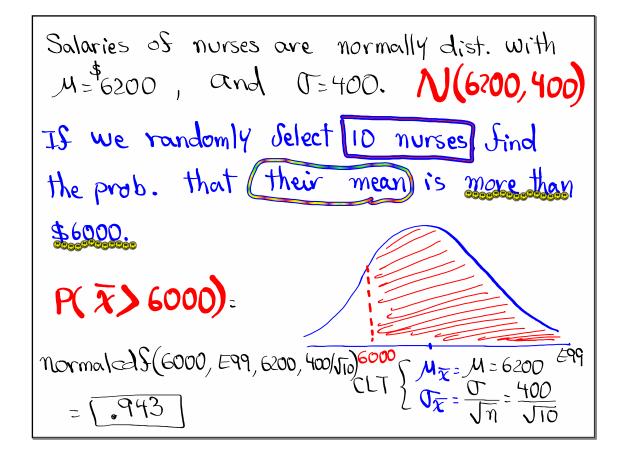
```
Clear all lists.
                          M=9
Store 1,5,9,13, 17
                                J=5.657
 in LI
                                12 (Reduced Fraction): 32
 Use 1-Var state with LT
 Let's take all Samples of
 Size 2 with replacement
 from this data.
               1,9
                      1,B
       1,5
                              1,17
                    5,13
                               5,17
 5,1
        5,5
               5,9
                                             P(\overline{x})
                               9,17
        9,5
               9,9
                    9,13
 9,1
                               13,17
        13,5
              13,9
                       13,13
 13,1
        17,5 17,9
                        17,13
                                17,17
 17,1
\mathcal{F}_{ind} \ \overline{x} \ o\mathcal{F} \ each \ Sample:
                                              5/25
                                               4/25
                                         11
                         9
                                          13
                         11
                        13
                   11
               11 13
13 15
                          15
```







Sind  $\bar{x}$  Sor randomly Selected Stroup of 3 students that Separate the top 10%. From the rest. Round to a whole #.  $\bar{x} = \text{inuNorm}(.9, 28, 8/\sqrt{3})$  = 33.919  $\approx 33.919$   $\text{CLT}\left\{\begin{array}{l} M_{\bar{x}} = M = 28 \\ N_{\bar{x}} = \sqrt{3} \\ N_{\bar{x}} = \sqrt{3} \end{array}\right\}$ 



Sind 
$$\bar{x} = P_{90}$$
 For randomly selected  
group of 5 nurses. Round to a whole #.  
 $\bar{x} = \text{inu Norm}(9,6200,400/v5)$ 

$$= 6429.25$$

$$\approx 6429$$

$$\text{CLT} \begin{cases} M_{\bar{x}} = M = 6200 \\ 0_{\bar{x}} = \frac{400}{\sqrt{15}} \end{cases}$$

