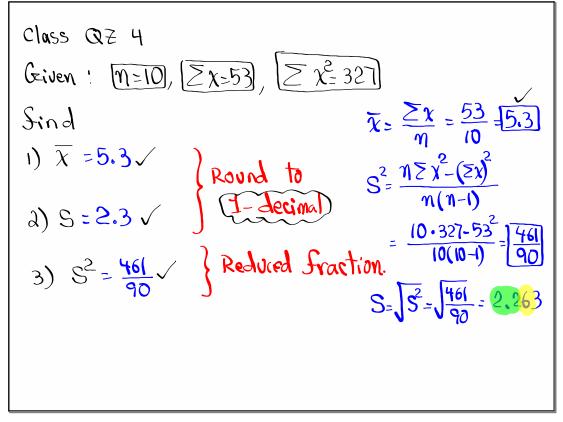


Feb 19-8:47 AM



3) Midrange =
$$\frac{11+2}{2} = \frac{13}{2} = 6.5$$

7)
$$\sqrt{\chi} = \frac{2\chi}{m} = \frac{40}{8} = 5$$

7)
$$\sqrt{\chi} = \frac{2\chi}{m} = \frac{40}{8} = 5$$
 8) $S^{2} = \frac{\eta \sum \chi^{2} - (\sum \chi)^{2}}{\eta(\eta - 1)} = \frac{8.248 - 40^{2}}{8(8 - 1)}$

$$=\frac{384}{56}=\frac{192}{28}=\frac{96}{14}=\frac{48}{7}$$

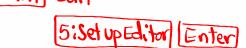
7) find
$$S = \sqrt{S^2} = \sqrt{\frac{48}{7}} = \frac{384}{56} = \frac{192}{28} = \frac{96}{14} = \frac{48}{7}$$

10) Estimate
$$S \approx \frac{\text{Range}}{4} \cdot \frac{9}{4} \cdot \frac{2.25}{4}$$

Oct 31-6:02 AM

TI Instructions:

1) To reset all lists. STAT Edit



2) To clear all lists. 2nd + 4: clear all lists

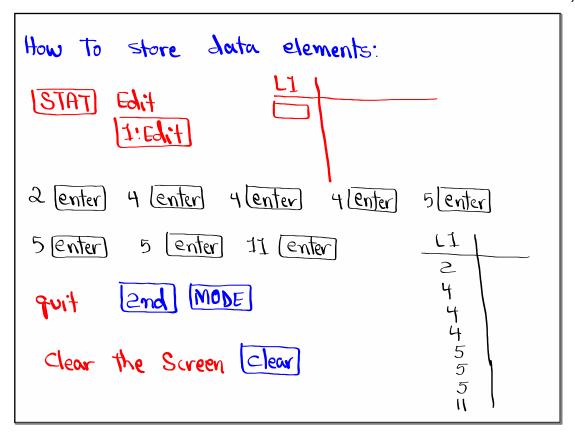




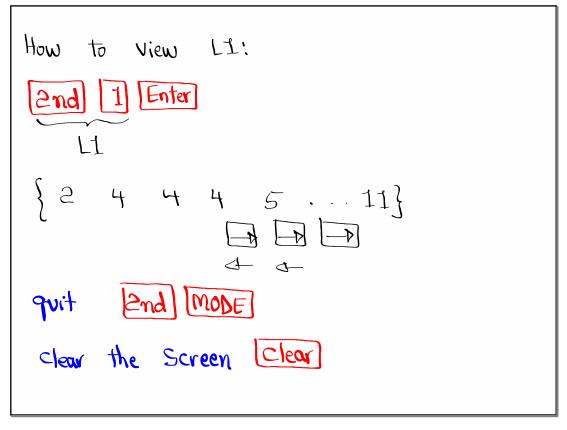
3) To quit. 2nd MODE



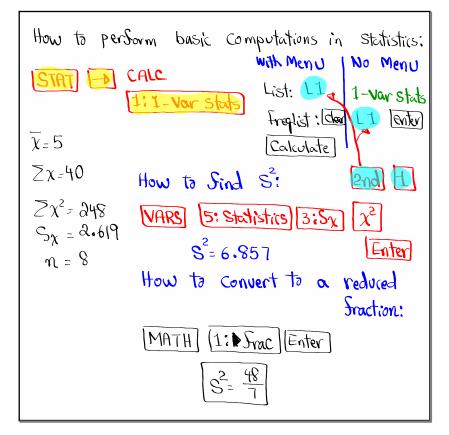
4) To clear the Screen. Clear



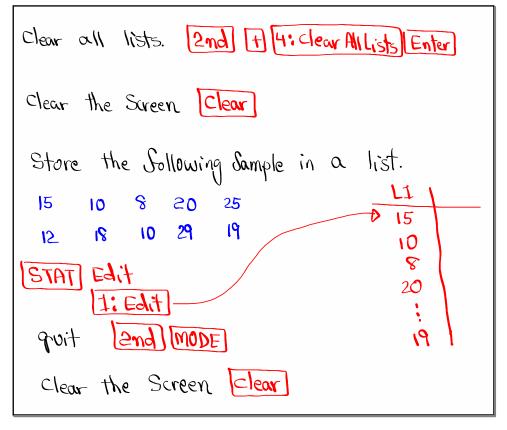
Oct 31-6:17 AM



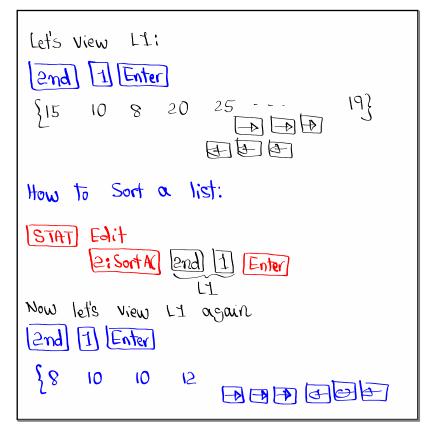
Oct 31-6:21 AM



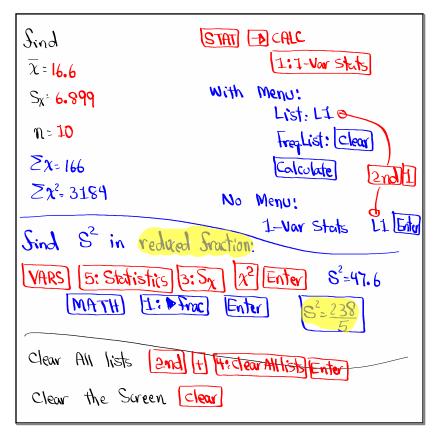
Oct 31-6:26 AM



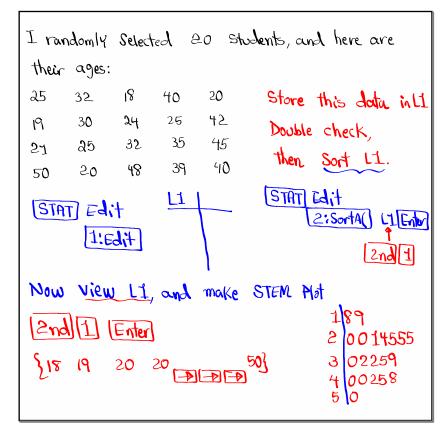
Oct 31-6:35 AM



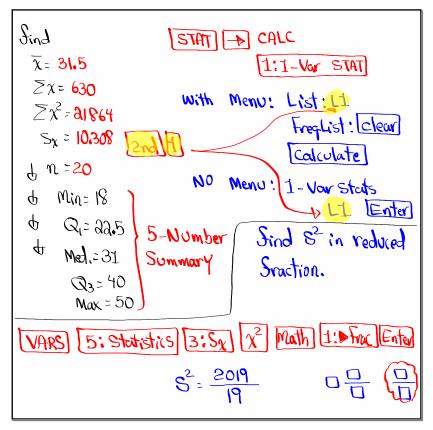
Oct 31-6:41 AM



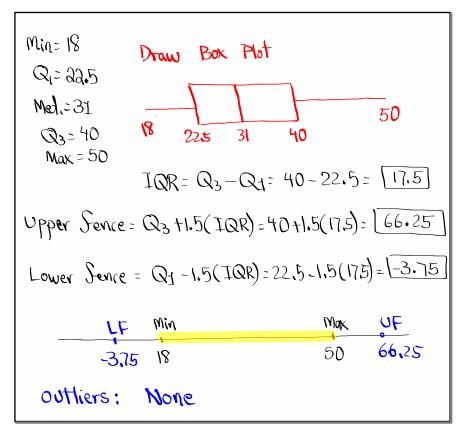
Oct 31-6:49 AM



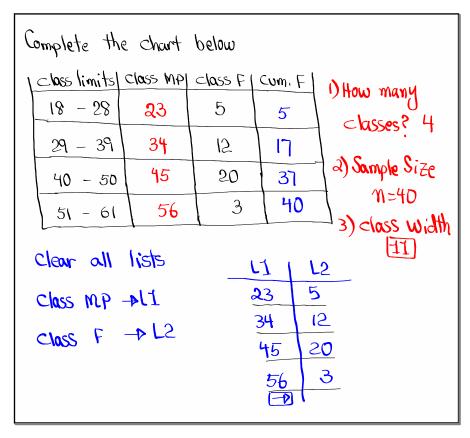
Oct 31-7:12 AM

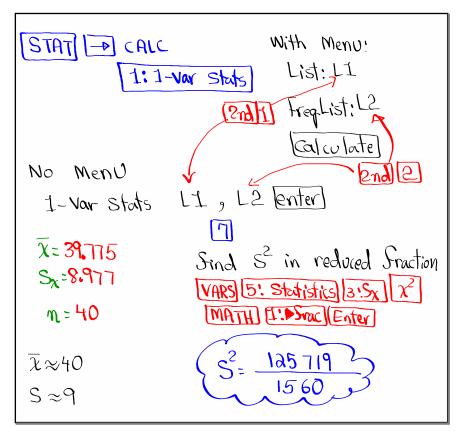


Oct 31-7:25 AM



Oct 31-7:39 AM



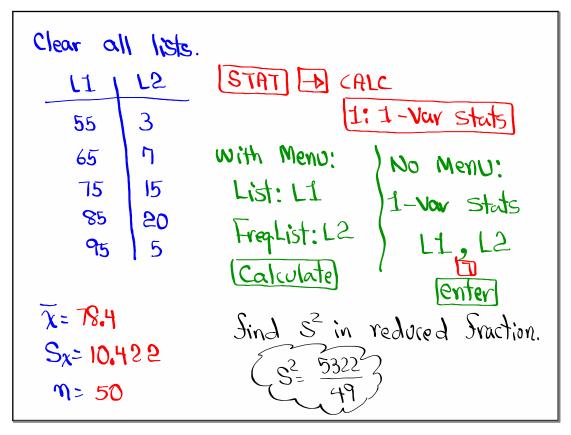


Oct 31-7:56 AM

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\overline{\chi} \approx 40 Using empirical rule: S \approx 9

68%. Range: \overline{\chi} \pm S = 40 \pm 9 \Rightarrow 31 to 49

Usual Range: \overline{\chi} \pm 2S = 40 \pm 2(9) \Rightarrow 22 to 58
"95%. Range"
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Oct 31-8:07 AM

