

STATS REVIEW

15. 1 6 9 9 9 10 11 12 13 15 15

mode

median

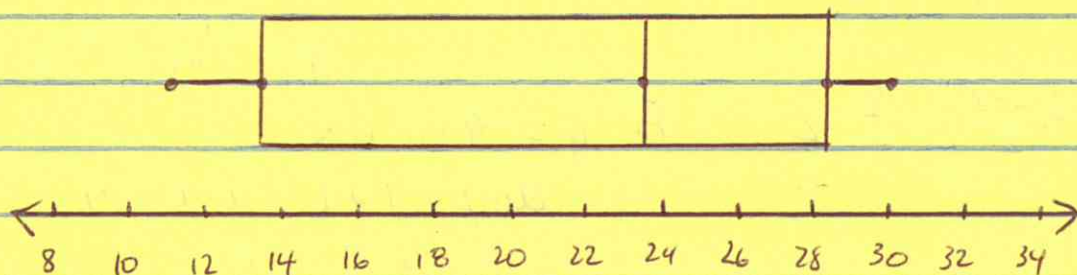
$$\text{mean } \bar{x} = \frac{110}{11} = 10$$

16. 11 12 | 15 22 | 25 27 | 30 30

$$Q_1 = \frac{12+15}{2} = \frac{27}{2} = 13.5$$

$$Q_2 = \frac{22+25}{2} = \frac{47}{2} = 23.5$$

$$Q_3 = \frac{27+30}{2} = \frac{57}{2} = 28.5$$



17. Range: $\text{max} - \text{min} = 53 - 9 = 44$

IQR: $Q_3 - Q_1 = 34 - 23 = 11$

18. mean $\bar{x} = \frac{100}{7} \approx 14.3$

standard deviation

If sample, $S_x = 4.0$

If population, $\sigma_x = 3.7$

} used
calculator