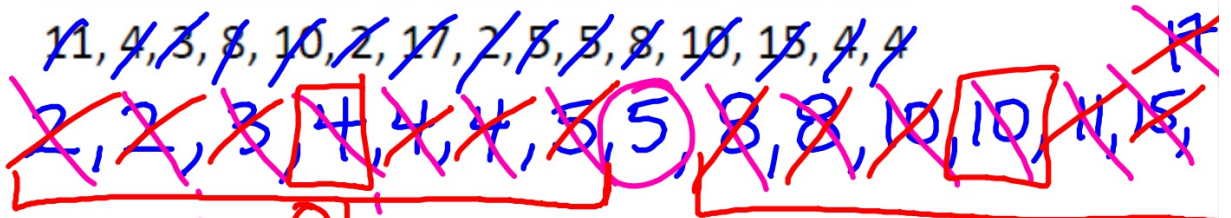
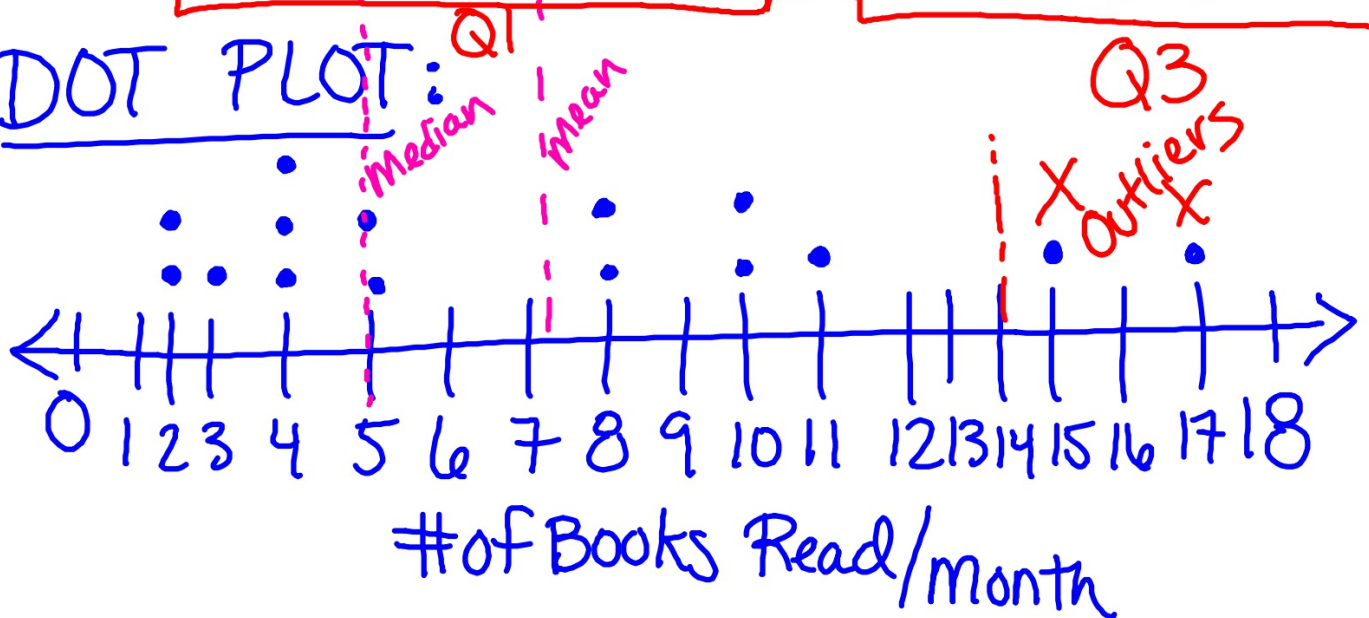


DATA: Number of books read in a month

11, 4, 3, 8, 10, 2, 17, 2, 5, 5, 8, 10, 15, 4, 4



DOT PLOT:



$$\frac{\text{Mean}}{\frac{108}{15} = \boxed{7.2}} \cdot \frac{\text{Sum}}{\text{\# of data points}}$$

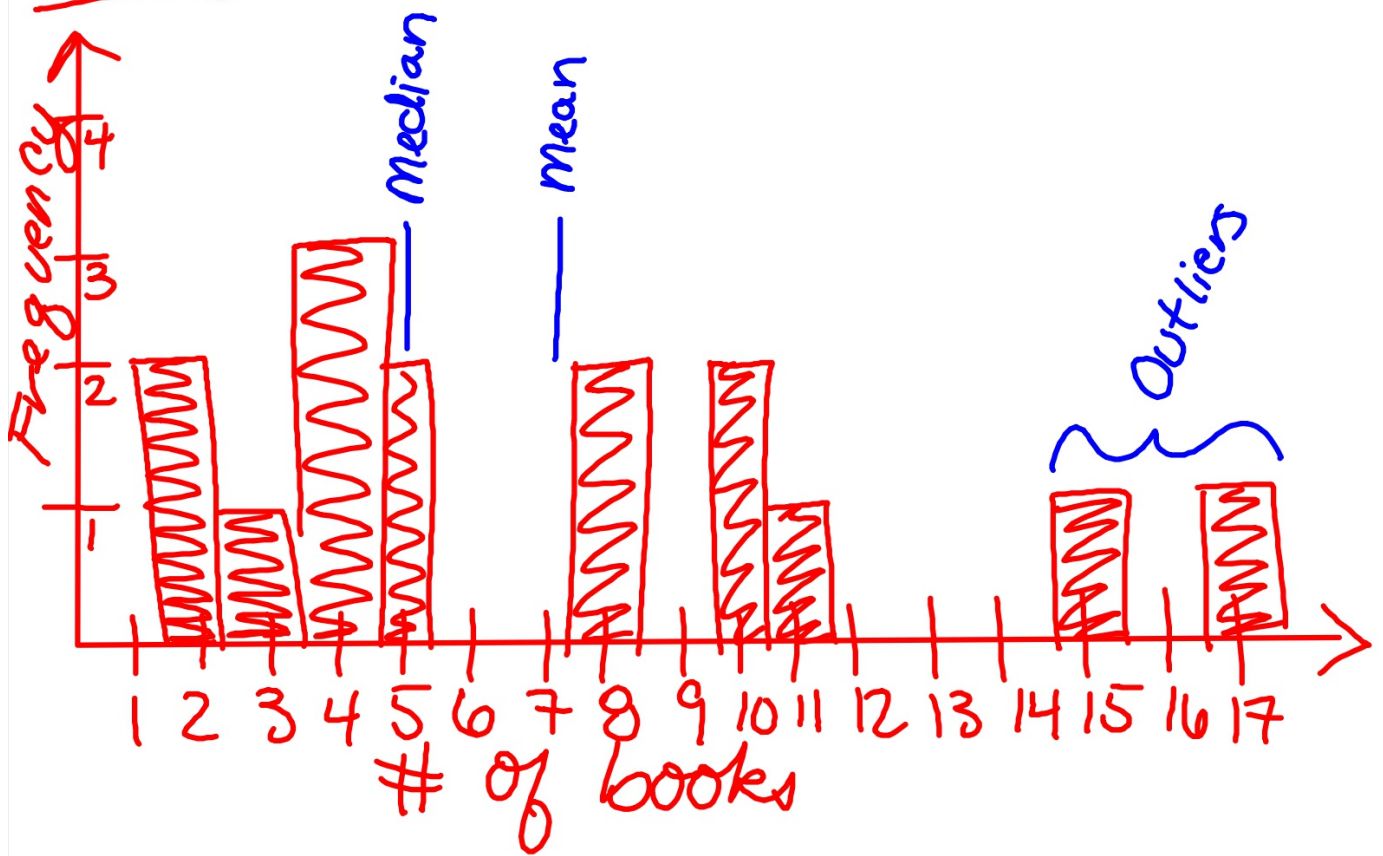
$$\frac{\text{Median}}{5} \quad \text{middle \#}$$

$$\frac{\text{Mode}}{4} \quad \text{Occurs Most}$$

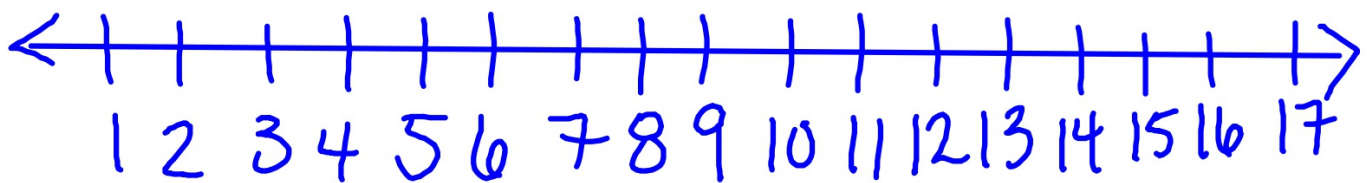
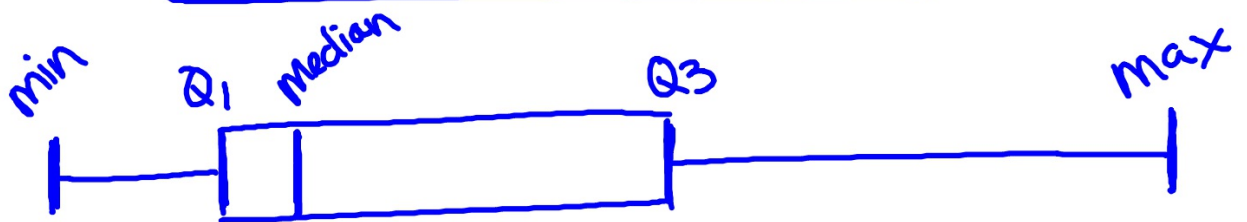
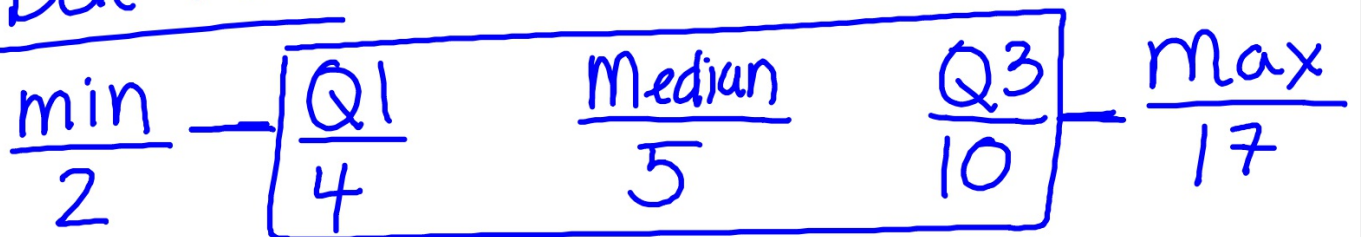
$$\frac{\text{Range}}{17-2 = \boxed{15}} \quad \text{max-min}$$

$$\frac{\text{IQR}}{10-4 = \boxed{6}} \quad \text{Q3-Q1}$$

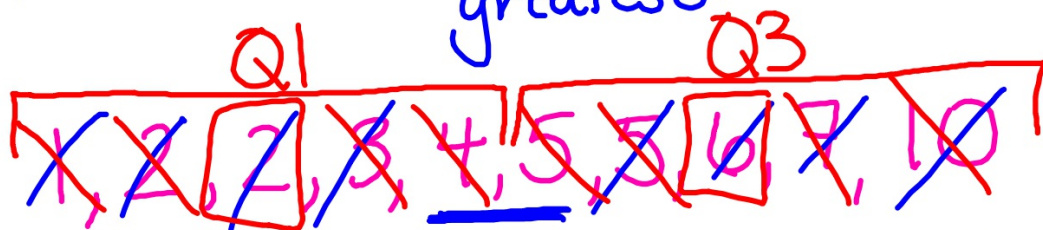
Histogram



Box Plot



① Put the data in order from least to greatest.



② Median - middle # $\frac{4+5}{2} = 4.5$

③ Q1 and Q3 - find middle of lower and upper halves.
2 6

④ Min and Max
1 10

⑤ Graph : number line 1-10

⑥ Plot 5 statistical points.
• Box in Q1, median, Q3 • Whiskers min/max

