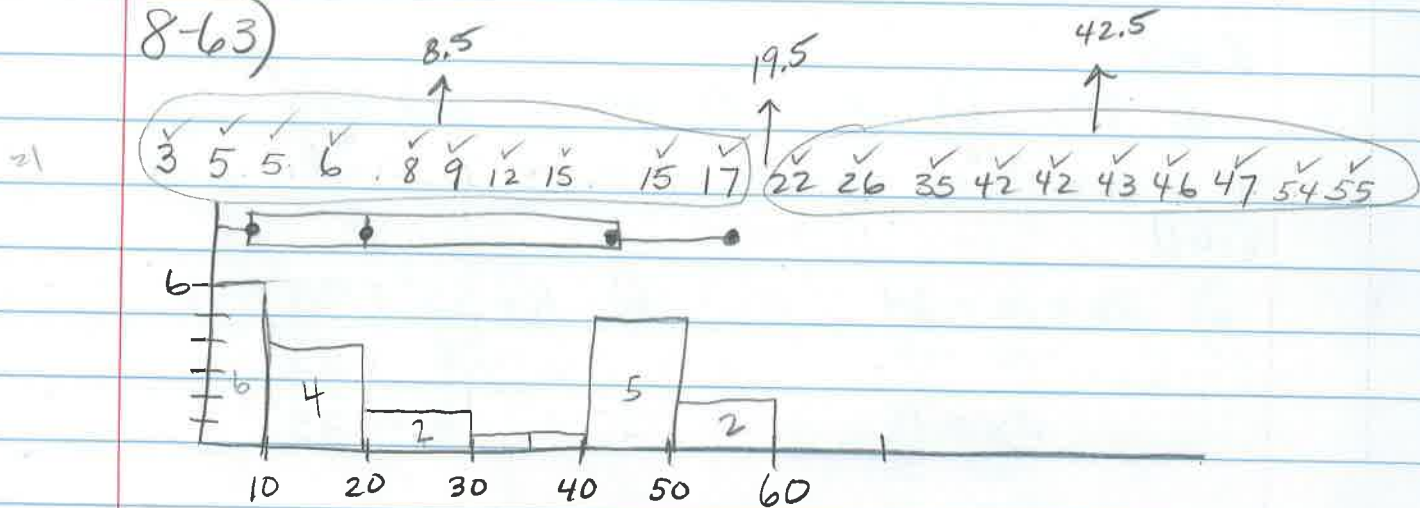


$$h) \frac{12}{5} \div \left(-\frac{1}{10}\right) = \frac{12}{5} \cdot \left(\frac{-10}{1}\right) = (-24)$$

8-63)



b) Mean = 25.35 min.

Median = 19.5 min.

The distribution has 2 peaks and the measures of center fall between the peaks.

Typical times seem to center around 10 min. and 45 min.

c) There are two groups of students; possibly some walk home and others take the bus, or maybe the school serves two neighborhoods that are a distance apart.

8-64) Maude $\frac{135 \text{ heavy metal}}{225 \text{ Albums}} = 60\%$

Claude $\frac{270 \text{ heavy metal}}{450 \text{ Albums}} = 60\%$

8-65) 61.5 miles which was $\frac{3}{4}$ of the way home.

$$\frac{3}{4}x = 61.5$$

$$\left(\frac{4}{3}\right)\left(\frac{3}{4}\right)x = 61.5\left(\frac{4}{3}\right) \quad x = \underline{82 \text{ miles}}$$