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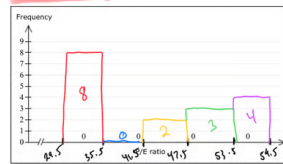
Histograms for grouped data

QUESTION

The following is a list of P/E ratios (current stock price divided by company's earnings per share) for 17 companies.

57, 53, 50, 46, 42, 38, 34, 35, 55, 52, 34, 34, 30, 30, 30, 55, 55

Draw the histogram for these data using an initial class boundary of 29.5, an ending class boundary of 59.5, and **classes of equal width**. Note that you can add or remove classes from the figure. Label each class with its endpoints.



29.5 - 35.5 8
35.5 - 41.5 0
41.5 - 47.5 2
47.5 - 53.5 3
53.5 - 59.5 4

$$\begin{array}{r} 59.5 \\ - 29.5 \\ \hline 30 \\ \div 5 = 6 \end{array}$$

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