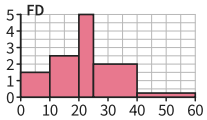
Histograms and Cumulative Frequency *ramp up*

a How many values are 25 or less?

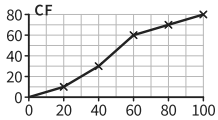


b $0 < x \leq 10$ and $10 < x \leq 25$ have equal frequencies. Bar 1 is 3 tall. How tall is bar 2?

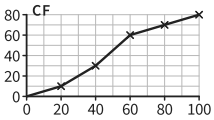
c How tall is the bar for $20 < x \leq 40$?

Up to	10	20	40	70
CF	8	20	44	56

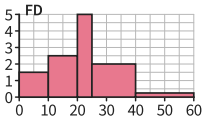
d Which class has the most values?



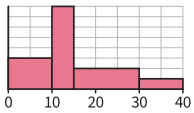
e 60% of values are less than k. Find k.



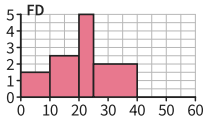
f Estimate the median.



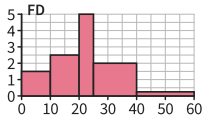
g Find the total if bar 1 is 12.



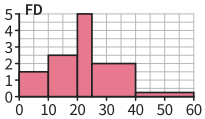
h The total is 100. Draw the last bar.



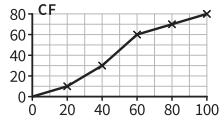
i 30 are more than k. Estimate k.



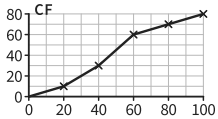
j Estimate the interquartile range.



k Find the median of the lowest 60.



l Estimate the mean.



The Maths Habit

Histograms and Cumulative Frequency *ramp up*

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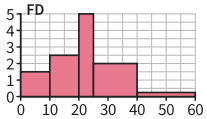

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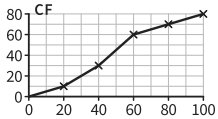

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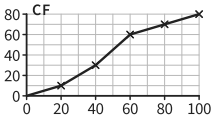
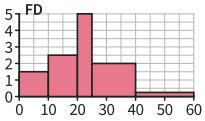


f Estimate the median.



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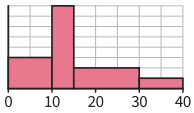

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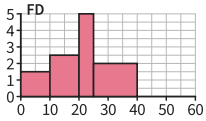

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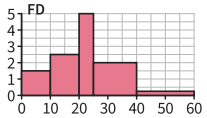
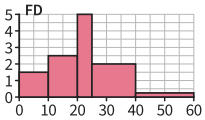


j Estimate the interquartile range.



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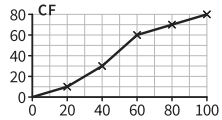

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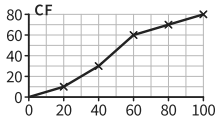

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