

Frequencies of Each Datum:

$$>11 = 19/200 = 0.095$$

$$11-20 = 36/200 = 0.18$$

$$21-30 = 58/200 = 0.29$$

$$31-40 = 46/200 = 0.23$$

$$40< = 41/200 = 0.205$$

- All frequencies added together equal to 1.

Percentage of Data within the Chart:

$$>11 = (19/200) \times 100 = 9.5\%$$

$$11-20 = (36/200) \times 100 = 18\%$$

$$21-30 = (58/200) \times 100 = 29\%$$

$$31-40 = (46/200) \times 100 = 23\%$$

$$40< = (41/200) \times 100 = 20.5\%$$

- All percentages added together equal to 100%.

Conversion of Data into Degrees:

(Numbers below are from the "Frequencies of Each Datum" list)

$$>11 = 0.095/1 \times 360 = 34.2 \text{ degrees}$$

$$11-20 = 0.18/1 \times 360 = 64.8 \text{ degrees}$$

$$21-30 = 0.29/1 \times 360 = 104.4 \text{ degrees}$$

$$31-40 = 0.23/1 \times 360 = 82.8 \text{ degrees}$$

$$40< = 0.205/1 \times 360 = 73.8 \text{ degrees}$$

- All degree values added together are equal to 360 degrees.

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page 11 of 11