

Name: _____

Histogram



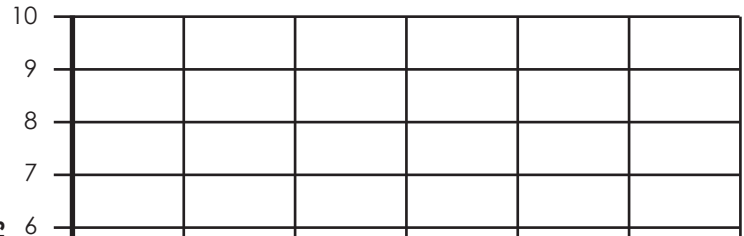
Sunny Elementary hosted a track meet. Here are the times of the athletes. Use the results to complete the chart and graph. Then answer the questions.



Results in minutes:

11:45	16:27	14:19	21:25	13:30	17:24
15:34	17:14	13:28	11:51	14:19	17:46
14:57	11:31	12:36	13:02	15:32	14:09
16:47	17:03	13:26	14:58	15:09	13:29
12:28	12:55	13:44	12:10	14:36	16:09

Fill in the missing time intervals on the horizontal axis of the graph



Preview

Please log in to download the printable version of this worksheet.

Minutes

1. What is the time interval for the horizontal axis? _____
2. Which time interval had the most runners? _____
3. How many runners finished in less than 13:59 minutes? _____
4. How many runners finished in 14 minutes or more? _____
5. Why might the student who finished in the 20 - 21:59 minute range be considered an outlier?

ANSWER KEY

Histogram



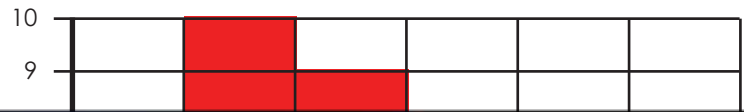
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14:57 11:31 12:36 13:02 15:32 14:09
14:47 17:00 13:04 14:50 15:00 13:00

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The 20 - 21.59 minute range much greater than the other points in the data set.