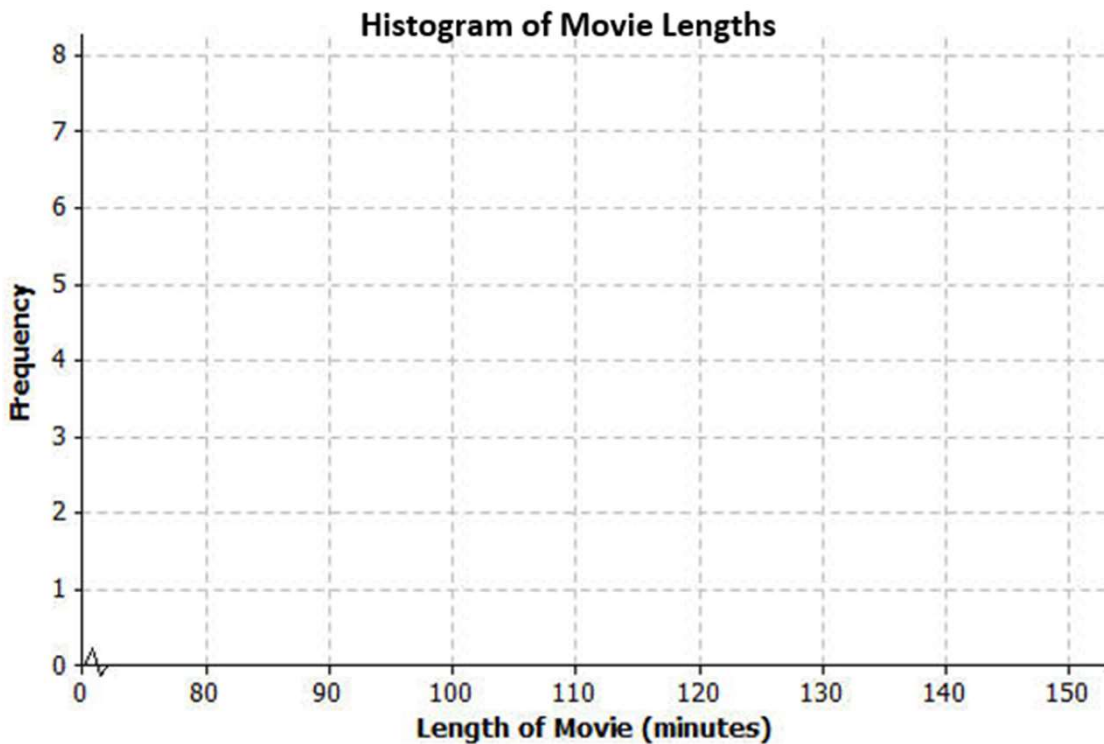


Histogram Worksheets

The frequency table below shows the length of selected movies shown in a local theater over the past six months.

| Length of Movie (minutes) | Tally | Frequency |
|---------------------------|-------|-----------|
| 80-< 90 | | 1 |
| 90-< 100 | | 4 |
| 100-< 110 | | 7 |
| 110-< 120 | | 5 |
| 120-< 130 | | 7 |
| 130-< 140 | | 3 |
| 140-< 150 | | 1 |

1. Construct a histogram for the length of movies data.



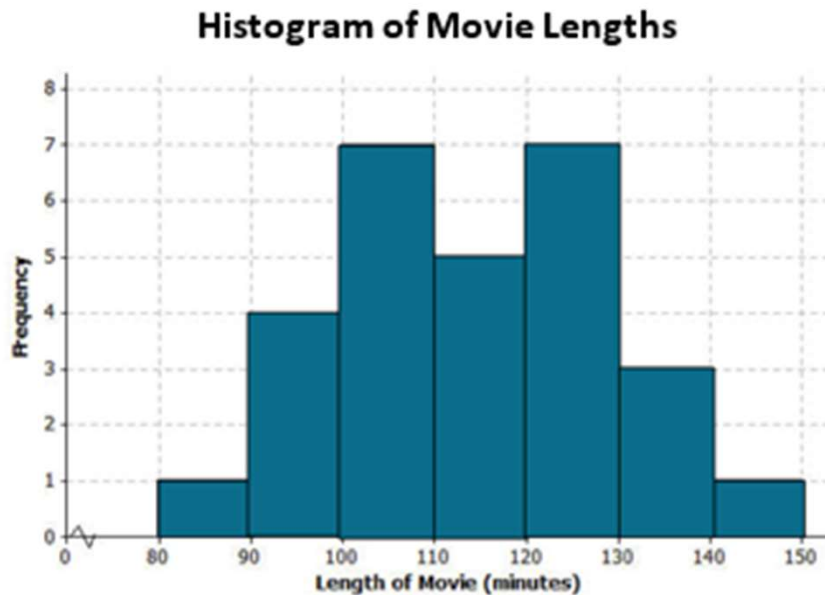
2. Describe the shape of the histogram.
3. What does the histogram tell you about the length of movies?

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| 140-< 150 | | 1 |

1. Construct a histogram for the length of movies data.



2. Describe the shape of the histogram.

The shape of the histogram is mound shaped and approximately symmetric.

3. What does the histogram tell you about the length of movies?

Most movie lengths were between 100 and 130 minutes.

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