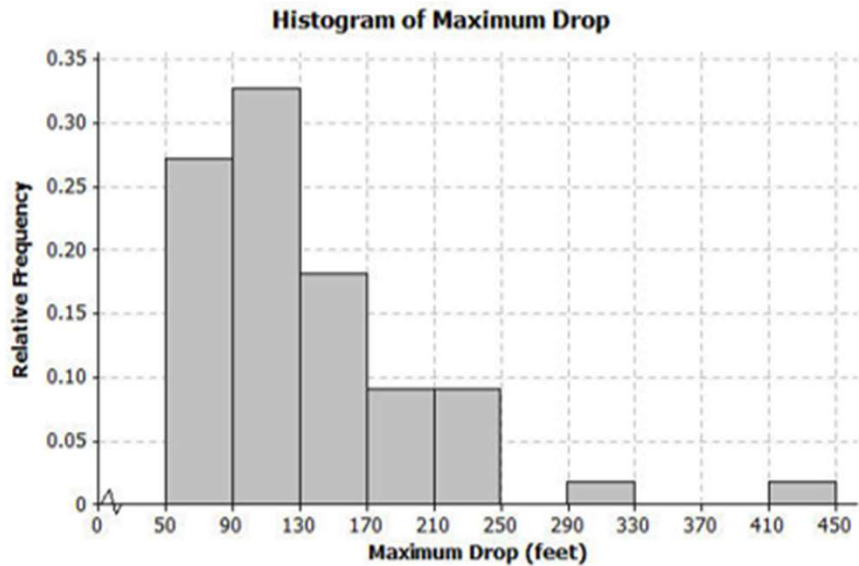


## Relative Frequency Histogram Worksheets

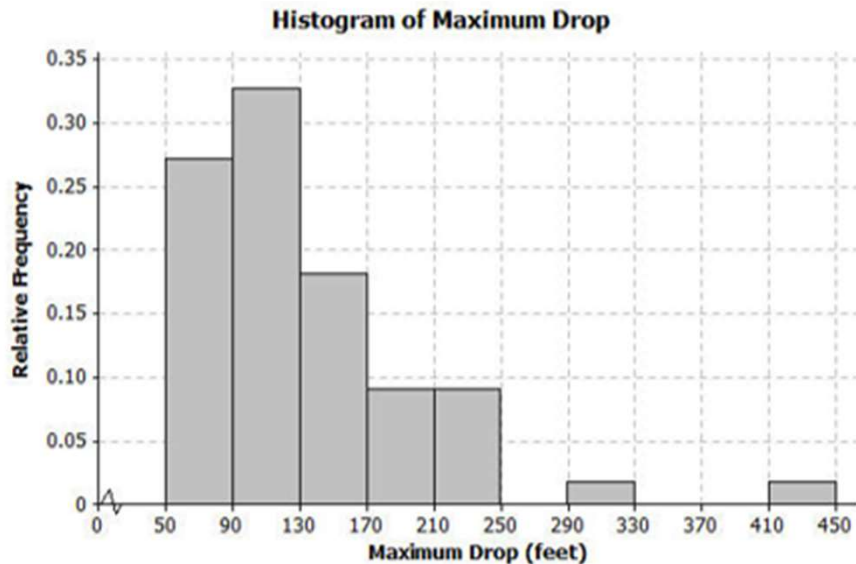
1. Below is a relative frequency histogram of the maximum drop (in feet) of a selected group of roller coasters.



- a) Describe the shape of the relative frequency histogram.
- b) What does the shape tell you about the maximum drop (in feet) of roller coasters?
- c) Jerome said that more than half of the data values are in the interval from 50 to 130 feet. Do you agree with Jerome? Why or why not?

## Relative Frequency Histogram Worksheets

1. Below is a relative frequency histogram of the maximum drop (in feet) of a selected group of roller coasters.



- a) Describe the shape of the relative frequency histogram.

*The shape is skewed to the right.*

- b) What does the shape tell you about the maximum drop (in feet) of roller coasters?

*The shape tells us most of the roller coasters have a maximum drop that is between 50 and 170 feet but that some roller coasters have a maximum drop that is quite a bit larger than the others.*

- c) Jerome said that more than half of the data values are in the interval from 50 to 130 feet. Do you agree with Jerome? Why or why not?

*I agree with Jerome because that interval contains 60% of the data.*