

## INTERPRETING A HISTOGRAM

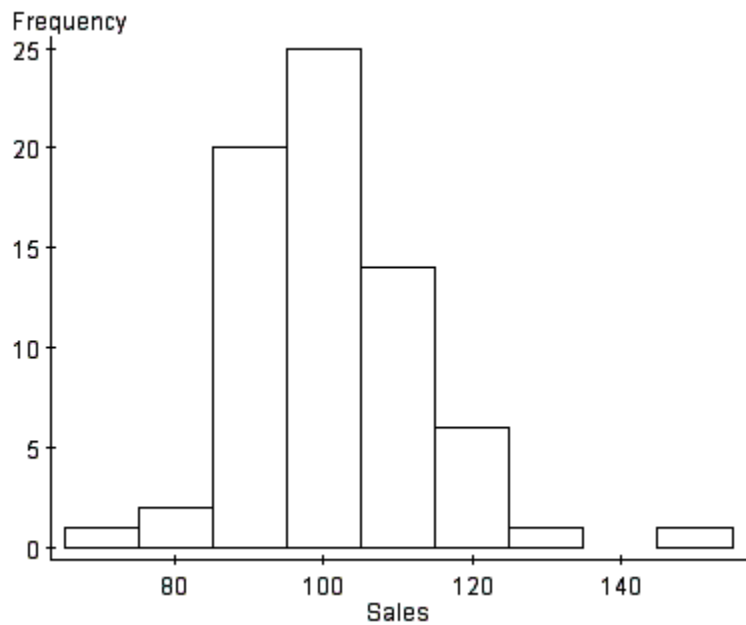
It is desired to describe the daily sales of a newspaper. A sample of sales for 70 days is obtained, and these are shown below. The sales are in 1000's.

87	94	97	98	93	83	95	110	85	108
111	102	97	89	103	114	89	98	97	99
102	89	107	98	107	115	103	97	106	150
116	97	82	107	98	102	86	73	105	92
96	96	117	89	108	91	100	106	127	105
87	92	102	102	115	110	85	99	124	85
108	117	91	89	93	91	103	100	94	101

Obtain a histogram of these sales, and completely describe the histogram.

### A histogram of Daily Newspaper Sales

Sales are in Thousands of Papers Sold per Day



This newspaper typically sold about 100,000 copies per day. Sales between 90,000 and 110,000 were quite frequent.

For this sample of 70 days' sales, the smallest number of newspapers sold was about 70,000 and the largest is about 150,000.

There were an unusually large number of newspapers sold one day. The day on which 150,000 newspapers were sold is atypical.

Finally, due to the atypical large value, the histogram is slightly skewed to the right, or positively skewed. Without this value, the histogram would be reasonably symmetric.

