

Enrich

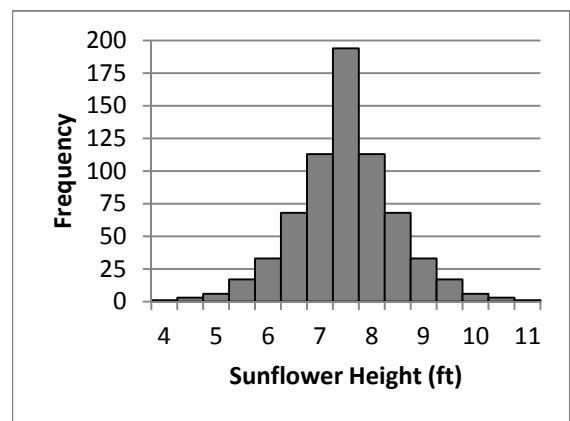
Bell Curves

Sunflower Height (ft)	4	4.5	5	5.5	6	6.5	7
Frequency	1	3	6	17	33	68	113

Sunflower Height (ft)	7.5	8	8.5	9	9.5	10	10.5	11
Frequency	194	113	68	33	17	6	3	1

Graphing the sunflower height data in the tables above results in a histogram with a bell-shaped outline.

This type of frequency distribution is called the **bell curve** or the normal distribution **curve**. The curve is symmetrical about the mean. Many data sets have normal distributions.



Exercises

Make a histogram for the data set. The set has a normal distribution.

1.

Number of Cars	10	15	20	25	30	35	40
Frequency	3	7	22	34	22	7	3