

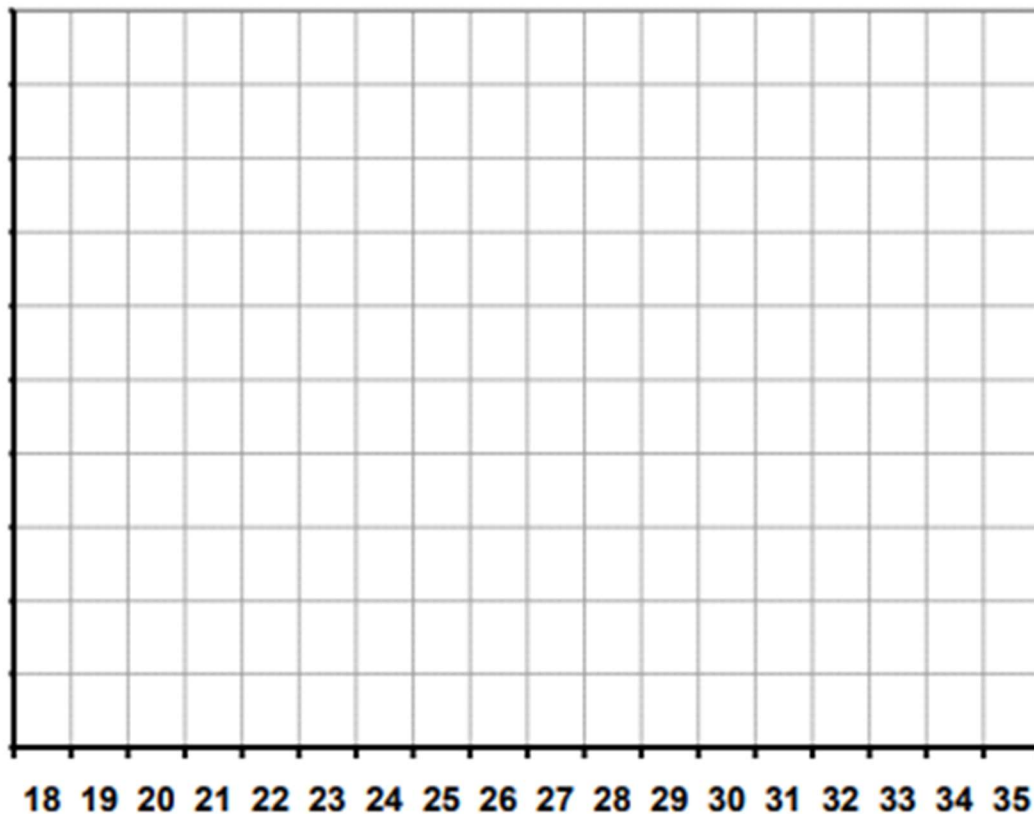
Warmup / Practice

Here are the ages of your classmates:

23, 26, 23, 19, 19, 24, 35, 33, 19, 19, 21, 23, 31, 26, 23, 24, 19

Manually calculate the mean, median, mode, and range of your classmates' ages and make a *properly labelled* histogram. Then do the calculations with an App (or two)

Mean: _____ Median: _____ Mode: _____ Range: _____



Calculate the mean, median, mode, and range of the following sets of data to the nearest tenth (0.1)

a. {4, 7, 2, 2, 14}

b. {6.3, 8.2, 7.5, 4.1, 11.6, 10.3}

A farmer is selling a cone-shaped pile of grain that has a diameter of 30 feet and a height of 20 feet. The grain needs to be transported to the market by truck.

a) The grain box of the farmer's truck has a volume of 850 cubic feet. What is the minimum number of times the farmer must go to the market to transport all of the grain?

b) Grain is sold by the whole bushel. This grain has a current value of \$8.50/bushel. If one bushel is equal to 1.24 cubic feet, calculate the value of the pile of grain.