AP Stats

Chapter 1 1.2 (day 1) HW

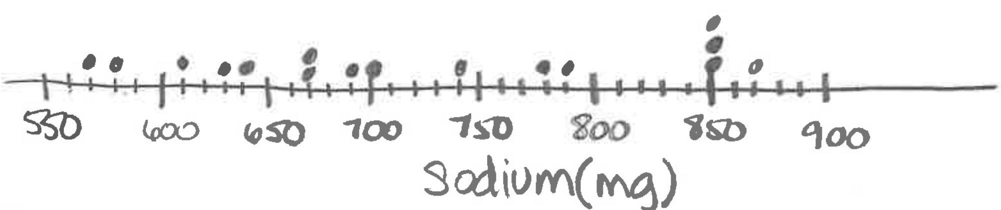
Frozen Pizza

Consumer Reports magazine rated frozen pizza in their January 2011 issue. Here are the amounts of **sodium (in mg)** in a single serving of 16 different brands of cheese pizza.

580	740	850	850	870	850	670	670
630	690	780	610	790	570	700	640

Make a dotplot of the data by drawing a horizontal axis and scale it from 550 to 900 by 50s, because the values go from 570 to 870.

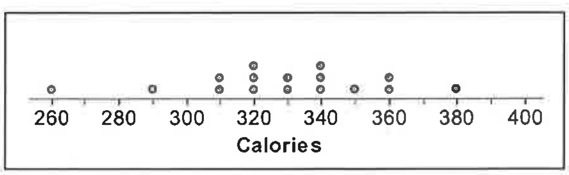
Frozen Pizza Sodium Amts.



Frozen Pizza

Here are the number of **calories** per serving for 16 brands of frozen cheese pizza, along with a dotplot of the data.

340	340	310	320	310	360	350	330
260	380	340	320	360	290	320	330



Spread: The values vary from 260 to 380 calories.

Problem: Describe the shape, center, and spread of the distribution. Are there any outliers? BS and write your answer in context of the data provided! Write your answer on the back of this paper or a separate sheet of notebook paper.

Center: The median (midpoint) of the 16 brands of frozen pizza is 330 Calories. So the typical frozen pizza featured in the January 2011 Consumer Reports magazine has about 330 calories per serving.

Unusual (outliers): There is one pizza with an unusually small number of calories (260 calories). This seems like a clear outlier.

Shape: There are peaks @ 320 & 340 calories and a main cluster of values between 310 & 360 calories. There is a fairly large gap between 260 & 290 calories. And smaller gaps between 290 & 310 & 360 & 380 calories

(roughly symmetric & unimodal)