Math	Wor	k	Sample
Pract	ice -	S	tatistics

Name	Date	_

Seventy-five female college students and 24 male college students reported the cost (in dollars) of his or her most recent haircut. The resulting data are summarized in the following table:

A CONTRACTOR OF THE PROPERTY O	Females	Males
No. of observations	75	24
Minimum	0	0
Maximum	150	35
1st Quartile	20	9.25
Median	31	17
3rd Quartile	75	20
Mean	52.53	20.13

Provide a graphical representation of the data and describe the difference in haircut costs between males and females. and are more vari-Men=525 Strand: algebra geometry __x_ statistics Making sense of Representing and Standards: HS.S-ID.A the task solving the task (1) Represent data with plots on the real number line) dot plots, histograms, and box plots). (2) Use statistics appropriate to the shape of the data Reflecting and Communicating Accuracy distribution to compare center (median, mean) and spread reasoning evaluating (interquartile range, standard deviation) of two or more different data sets. (3) Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).