

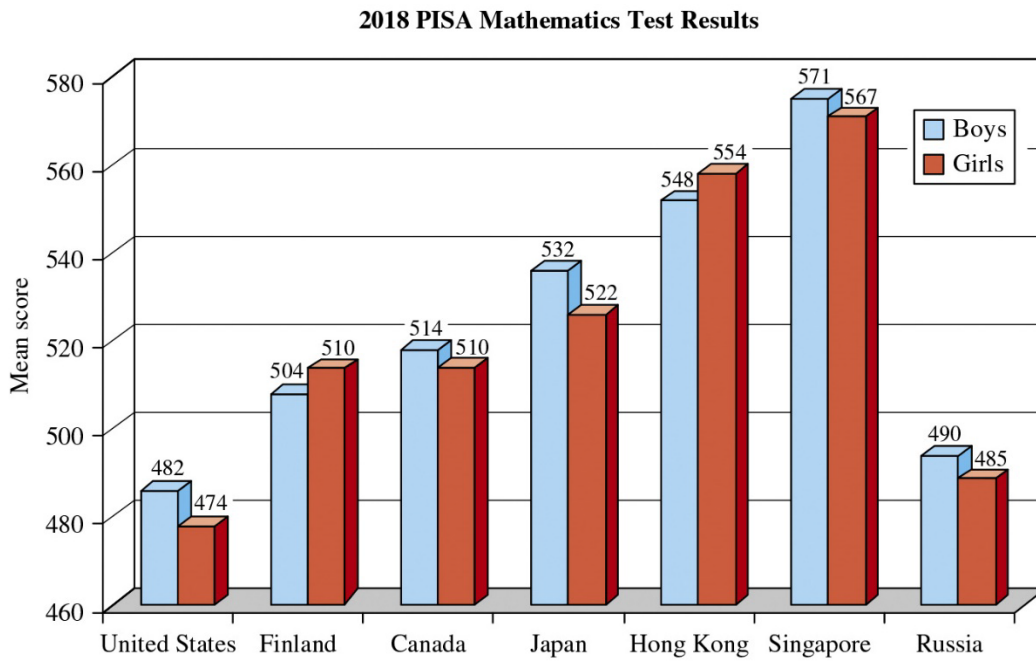
Math 107: Quiz 7

Name: _____

1) The following double bar graph shows the result for boys and girls on a math test in six countries/regions.

(a) In which countries/regions did girls outperform boys?

(b) Which country/region has the greatest gap between boys' scores and girls' scores? And how big is that gap?



(turn to the next page)

2) The following table shows data for the eight employees of a small store on how far they commute to work and how long the commute typically takes.

Employee	Commute distance (miles)	Commute time (minutes)
1	2	6
2	12	21
3	3	10
4	27	45
5	15	30
6	8	20
7	4	15
8	18	35

(a) Make a scatterplot with data from the middle column on the horizontal axis and data from the right column on the vertical axis.

(b) State whether the scatterplot shows a positive correlation, a negative correlation, or no correlation. Give a possible reason why the trend is not a perfectly straight line.