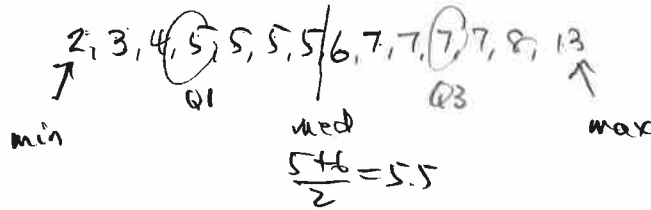Per: ____ □

12-4 Box-and-Whisker Plots

The data below represent the number of hits in a round of hacky sack. Use these numbers to answer the questions below. Show your work/logic clearly!

2, 8, 3, 7, 4, 7, 7, 5, 5, 7, 8, 5, 5, 13

1. Find the minimum, first quartile, median, third quartile, maximum, and range of the data. Put your answers in the blanks below. Show your work!

2, 3, 4, ⑤, 5, 5, 5 | 6, 7, 7, ⑦, 7, 8, 13

↑ min   Q1   med   Q3   ↑ max

$\frac{5+6}{2} = 5.5$

range = 13 - 2 = 11

min = __2__, Q1 = __5__, med = __5.5__, Q3 = __7__, max = __13__, range = __11__

(6)

2. Draw a box-and-whisker plot of the data. Be sure to label everything clearly!

(4)

Hack Sack

Hits