

Math 7 Advanced Unit Test 1

Hints
and

Examples to help you with problems most frequently missed:

- 4) Hint: Remember that in a histogram, the bar above each interval represents the frequency for that interval; not the cumulative frequency.
- 5) A fisherman keeps track of the number of crabs caught in his pot. Over 5 days, he catches:

9, 6, 12, 11, 16

Construct a box-and-whisker plot that represents this data.

Step 1) Order the data: 6, 9, 11, 12, 16

Step 2) Find the median: 11

Step 3) Find the lower median: $\frac{6+9}{2} = 7.5$

Step 4) Find the upper median: $\frac{12+16}{2} = 14$

Step 5) Find the lower extreme (6) & upper extreme (16)

