

Please complete the following problems for homework. Check Mrs. Kent's website for due dates.
THERE MAY BE PROBLEMS ON THE BACK!

1. The following table lists the ages of the people who attended the recent science Olympiad.

12, 17, 15, 14, 19, 17, 13,
16, 15, 16, 17, 18, 24, 23,
28, 45, 48, 36, 12, 23, 15,
15, 16, 16, 16, 16, 17

- a. Make a stem and leaf plot of the data.

- b. What is the range of the data?

- c. What is the mode of the data?

2. The following stem and leaf plot gives the weekly income (in hundreds of dollars) for several families in my neighborhood.

a. What is the highest weekly income? The lowest?

Stem	Leaves
1	9 9
2	1 5
3	1 1 3 4 9 9
4	0 2 9
5	5
6	1 2
Key: 1 9 = 190	

b. How many families make at least \$500 per week?

c. What is the mean income for this group of families?

3. The following table lists the number of calories eaten for breakfast by several students. Make a stem and leaf plot of the data.

382, 395, 410, 407, 395, 399, 411, 410, 427, 382,
406, 388, 408, 400, 388, 422, 401, 391, 385, 446,
449, 394, 389, 409, 418, 390, 410, 422, 428, 433