

Name \_\_\_\_\_

8A; Algebra 1

Date \_\_\_\_\_

Period \_\_\_\_\_

## Homework

1) The following data are exam grades of 10 students in a math class.

a) Which interval contains the lower quartile?

Interval	Frequency
69 - 76	1
77 - 84	4
85 - 92	4
93 - 100	1

b) Which interval contains the upper quartile?

c) If students who received at least an 85% on this exam received a "math star" pencil, what percent of the students received a pencil?

d) Which interval contains the 30<sup>th</sup> percentile?

2) The following data represent the heights (in inches) of 14 students in Mrs. Biscardi's math class:

65, 63, 68, 59, 74, 59, 68, 61, 64, 60, 69, 72, 55, 64

a) Which interval contains median?

Interval	Frequency
55-58	1
59-62	4
63-66	4
67-70	3
71-74	2

b) Which interval contains the upper quartile?

c) Which interval contains the lower quartile?

d) What percent of the students are shorter than 5 feet 7 inches?

