

Name _____

Date _____

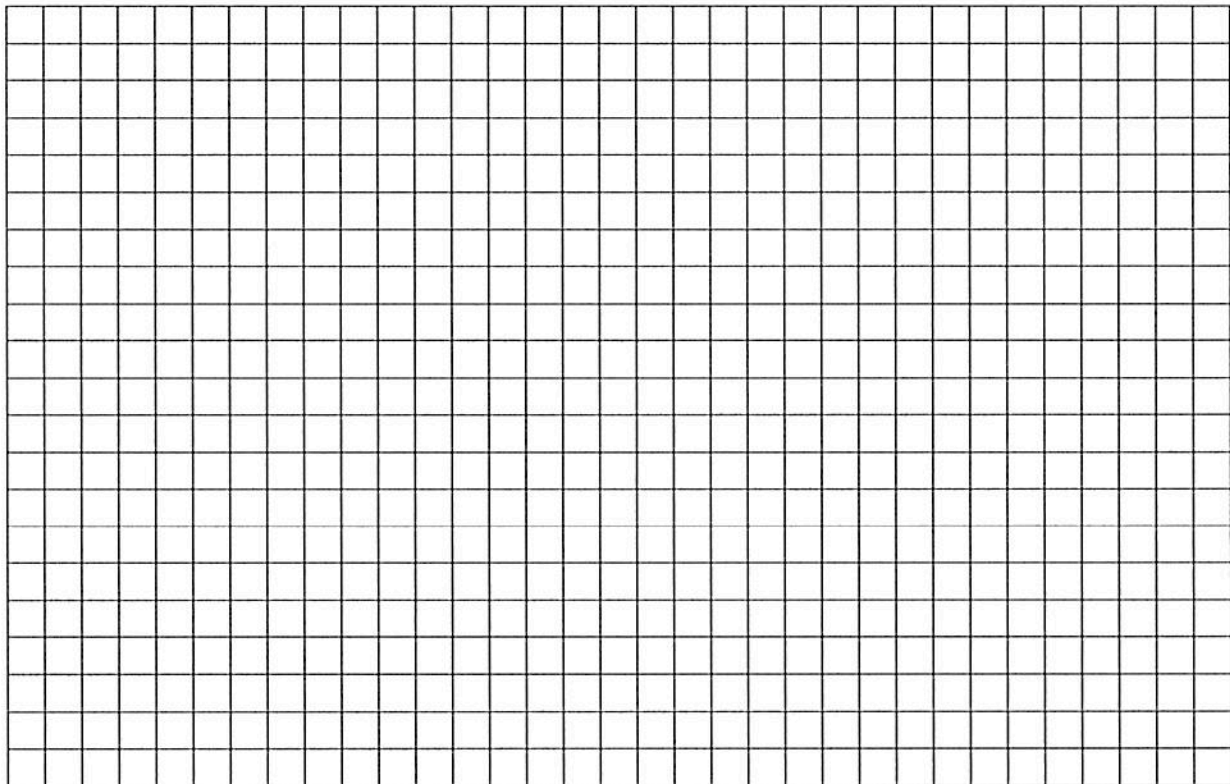
8A; Algebra 1

Period _____

Homework

1) a) Construct a frequency histogram for the grouped data.

Interval	Frequency
1-3	24
4-6	30
7-9	28
10-12	41
13-15	19
16-18	8



b) What is the total frequency in the table?

c) What interval contains the greatest frequency?

d) The number of data values reported for the interval 4-6 is what percent of the total number of data values?

e) How many data values from 10 through 18 were reported?

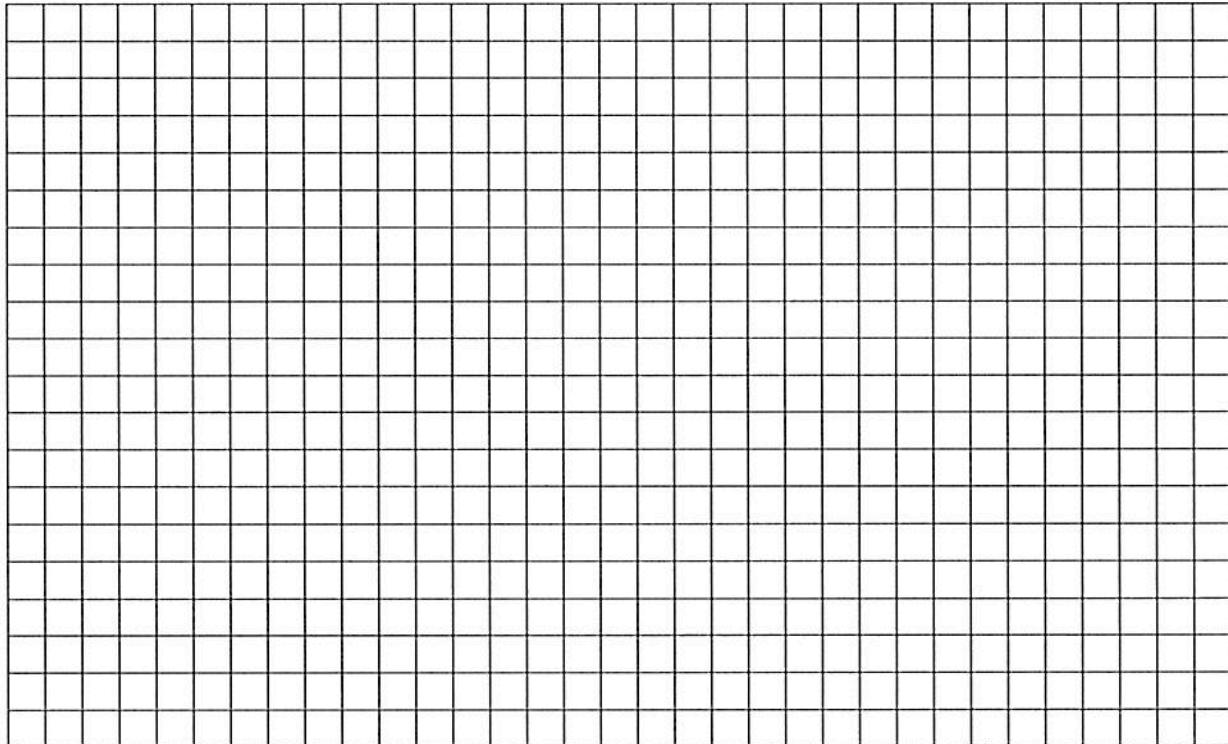
2) Towering Ted McGurn is the star of the school's basketball team. The number of points scored by Ted in his last 20 games are as follows:

36, 32, 28, 30, 33, 36, 24, 33, 29, 30, 30, 25, 34, 36, 34, 31, 36, 29, 30, 34

a) Copy and complete the table to find the frequency for each interval

Interval	Tally	Frequency
35-37		
32-34		
29-31		
26-28		
23-25		

b) Construct a frequency histogram based on the data found in part a



c) Which interval contains the greatest frequency?

d) In how many games did Ted score 32 or more points?

e) In what percent of these 20 games did Ted score fewer than 26 points?

3) Could the following sets of intervals be a correct grouping for a set of data? Explain why or why not.

a)

Interval
25-38
13-24
0-12

b)

Interval
20-29
10-19
5-9
0-4

c)

Interval
24-32
16-24
8-16
0-8