1．John scored the following points in ten consecutive basketball games： $13,17,31,12,11,19,14,12,15,16$ What is the outlier？

31
2．What is the five number summary for the unordered stem and leaf plot shown below？Then use the five number summary to draw a box－and－whisker plot．
 $13,16|16,22 \| 22,30| 35,383$ red quartile $=32.5$ 1主 med．Jed


3．Your parents want to know how you are doing in your math class．You have received the following scores on your Algebra exams： $66,46,78,96,98,7 \$, 86,52,69$ ．
Find each of the statistical measures below．Circle the
statistical measure that would convey this
information in such a way that your parents would
think you were doing the best．
a．mg．
A．mean $=71.3$$\quad \frac{66+45+78+80+98+75+80+52+68}{9}$


$$
45,52,66,68, \frac{75}{\frac{75}{\text { meal. }}>8,80,80,98}
$$

$$
\max -m / n
$$

$$
98-45
$$

4. Ages of people who attended a city council meeting
were $A, 6,7, \not, 1 k, 14,18,19,24,24,29,30,35,36$, $40,45,46,50,50,64,70,71,72$. Draw a histogram of this data using ranges of 0-20, 21-40, 41-60, 61-80
解 0 as the ranges.

| $0-20$ | 8 |
| :--- | :--- |
| $21-40$ | 7 |
| $41-60$ | 4 |
| $61-80$ | 4 |



Age Ranges
5. Refer to the box-and-whisker plots shown below.

Which number is within the interquartile range for
both sets?

$1^{\text {st }}$ quartib $\longrightarrow 3^{n-d}$ quatile
D. 21
6. What type of correlation is shown by the scatterplot shown below?

A. positive correlation
B. negative correlation
C. nocorelation
D. cannetbedetermined

