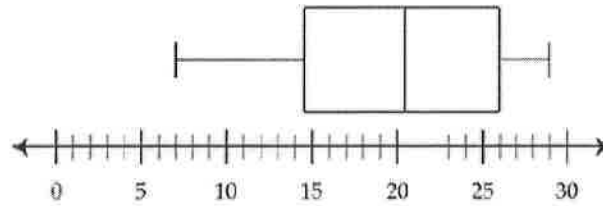
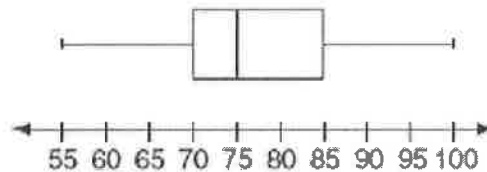


3) The accompanying box-and-whisker plot represents the cost, in dollars, of 12 CD's.



- What is the range of the costs of the CD's?
- What is the median cost of a CD?
- How many CD's cost between \$14.50 and \$26.00?
- How many CD's cost less than \$14.50?

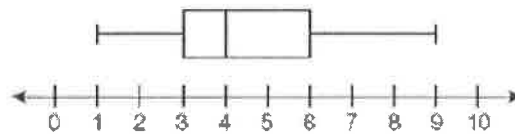
4) The class scores of a math test are shown below:



What is the median score?

- | | |
|--------|--------|
| (1) 70 | (3) 77 |
| (2) 75 | (4) 85 |

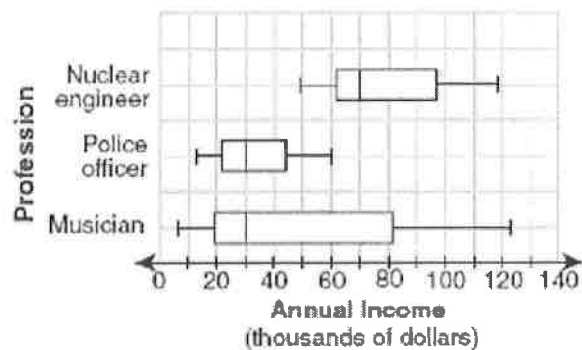
5) A movie theater recorded the number of tickets sold daily for a popular movie during the month of June. The box-and-whisker plot shown below represents the data for the number of tickets sold, in hundreds.



Which conclusion can be made using this plot?

- The second quartile is 600.
- The mean of the attendance is 400.
- The range of the attendance is 300 to 600.
- Twenty-five percent of the attendance is between 300 and 400.

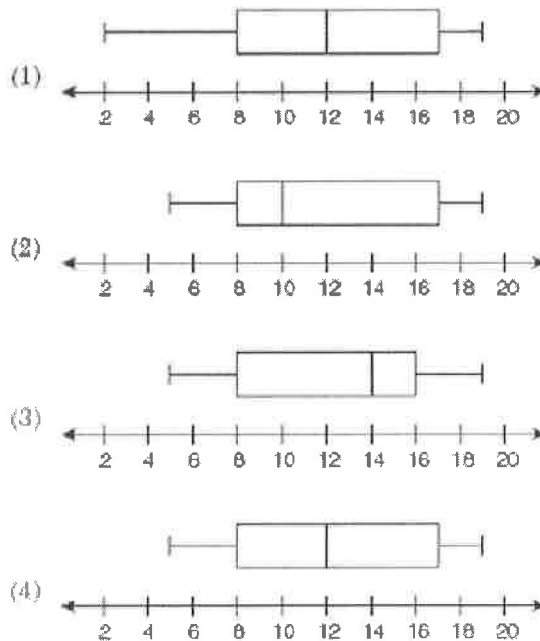
7) The accompanying box-and-whisker plots can be used to compare the annual incomes of three professions.



Based on the box-and-whisker plots, which statement is true?

- (1) The median income for nuclear engineers is greater than the income of all musicians.
- (2) The median income for police officers and musicians is the same.
- (3) All nuclear engineers earn more than all police officers.
- (4) A musician will eventually earn more than a police officer.

8) The data set 5, 6, 7, 8, 9, 9, 9, 10, 12, 14, 17, 17, 18, 19, 19 represents the number of hours spent on the Internet in a week by students in a mathematics class. Which box-and-whisker plot represents the data?



9) The accompanying stem-and-leaf plot represents Ben's test scores this year.

6	5	8				
7	2	3	3	3	3	9
8	1	3	3	6	7	
9	6	9	9			

Key: 7 | 2 = 72

What is the median score for this set of data?

- (1) 73 (3) 80
 (2) 79 (4) 81

10) Jorge made the accompanying stem-and-leaf plot of the weights, in pounds, of each member of the wrestling team he was coaching.

Stem	Leaf					
10	9					
11						
12	3	8				
13	2	4	4	6	8	
14	1	9	5	5	9	
15	2	3	7	7	9	
16	1	3	7	8	8	9
17	3	8				

Key: 10 | 1 = 101

What is the mode of the weights?

- (1) 145 (3) 152
 (2) 150 (4) 168