

Measures of Central Tendencies

1. The following are scores from a test recently given to Mr. Callahan's class. Use these scores to answer the question below.

84, 98, 87, 75, 92, 71, 81, 75, 87, 97, 65, 87, 80

What is the mean score from this number set?

- a) 84
- b) 83
- c) 87
- d) 82.5

2. The following are scores from a test recently given to Mr. Callahan's class. Use these scores to answer the question below.

84, 98, 87, 75, 92, 71, 81, 75, 87, 97, 65, 87, 80

What is the median for this number set?

- a) 84
- b) 82.5
- c) 87
- d) 81

3. The following are scores from a test recently given to Mr. Callahan's class. Use these scores to answer the question below.

84, 98, 87, 75, 92, 71, 81, 75, 87, 97, 65, 87, 80

What is the mode of this number set?

- a) 84
- b) 75
- c) 87
- d) 83

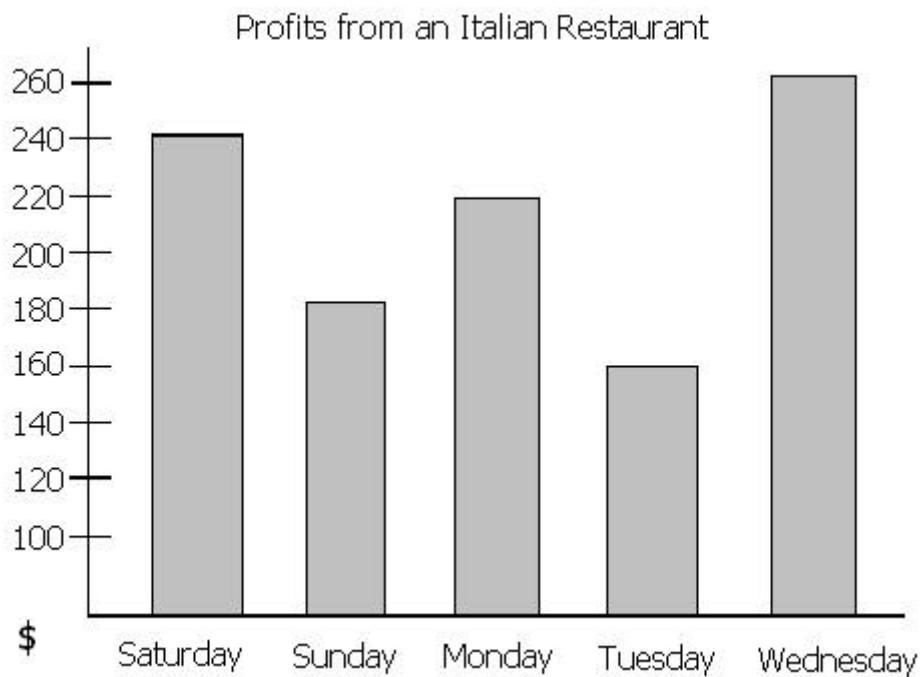
4. The following are scores from a test recently given to Mr. Callahan's class. Use these scores to answer the question below.

84, 98, 87, 75, 92, 71, 81, 75, 87, 97, 65, 87, 80

What is the range of this number set?

- a) 4
- b) 33
- c) 87
- d) 83

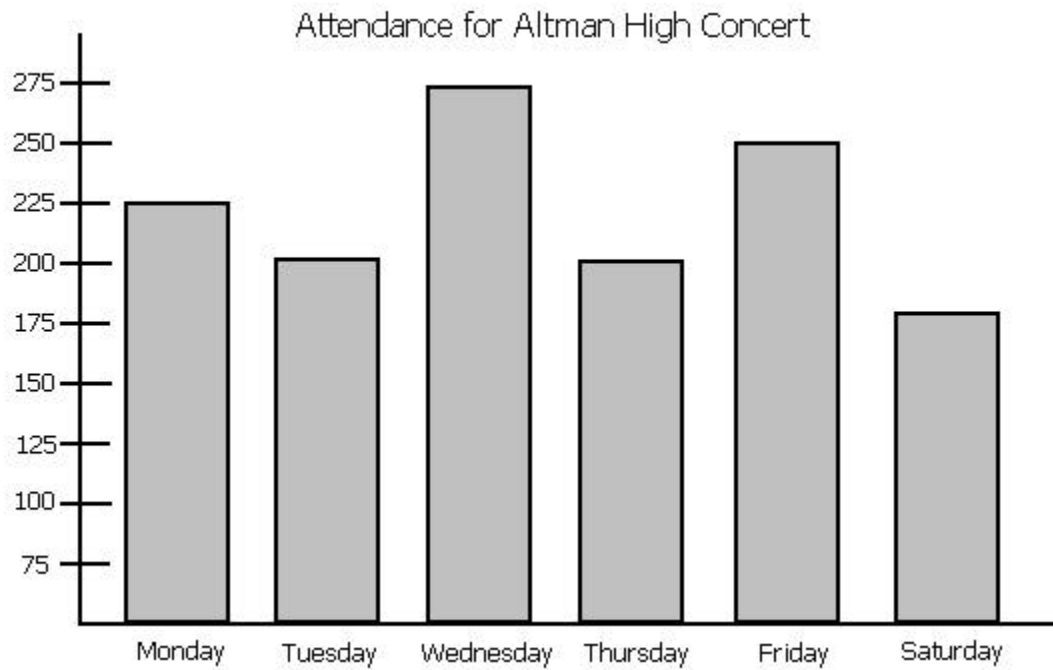
5. The following is a graph depicting the profits from an area Italian Restaurant. Use these profits to answer the question below.



What is the mean profit from this graph?

- a) \$210
- b) \$220
- c) \$212
- d) \$260

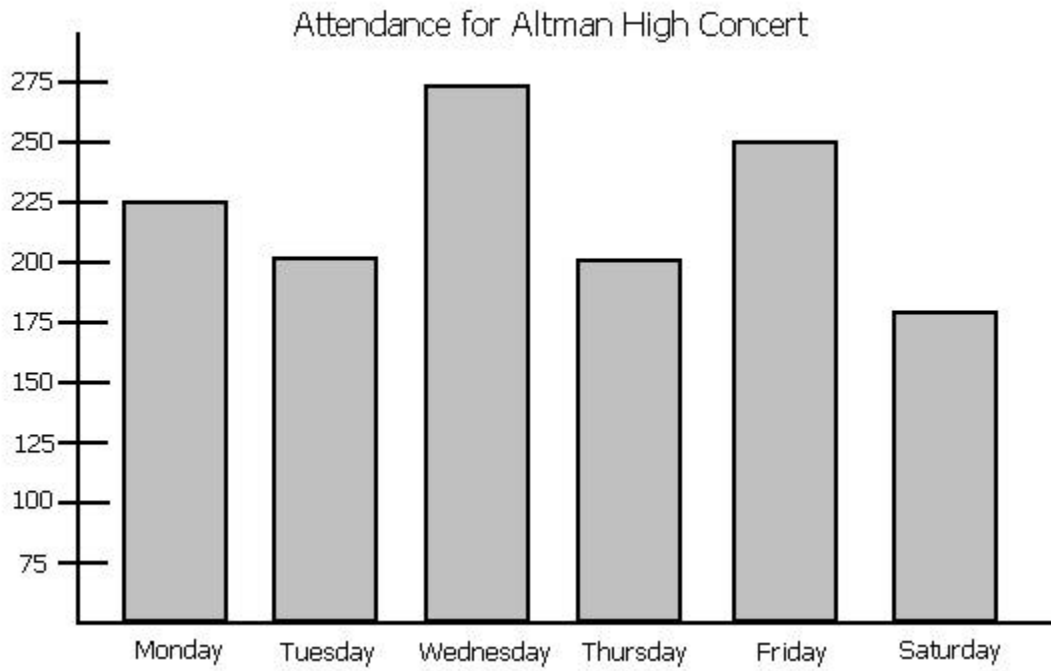
6. The following is a graph depicting the attendance for a concert at Altman High School. Use these attendance figures to answer the question below.



What was the mean attendance for the concert? (Round decimals when appropriate)

- a) 200
- b) 213
- c) 226
- d) 221

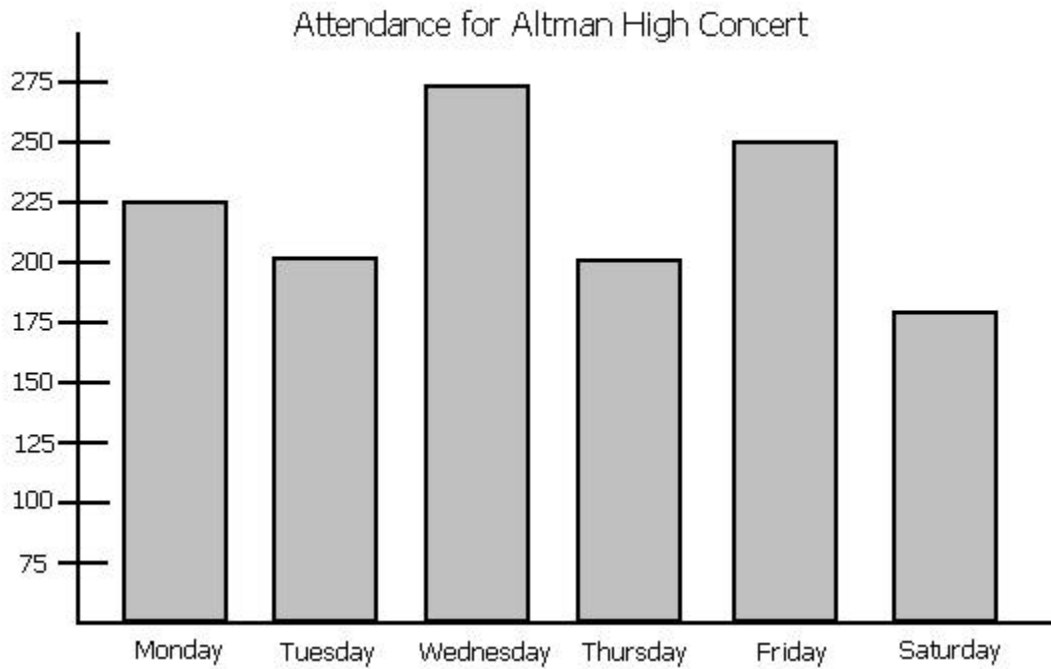
7. The following is a graph depicting the attendance for a concert at Altman High School. Use these attendance figures to answer the question below.



What was the median attendance for the concert? (Round decimals when appropriate)

- a) 200
- b) 213
- c) 226
- d) 221

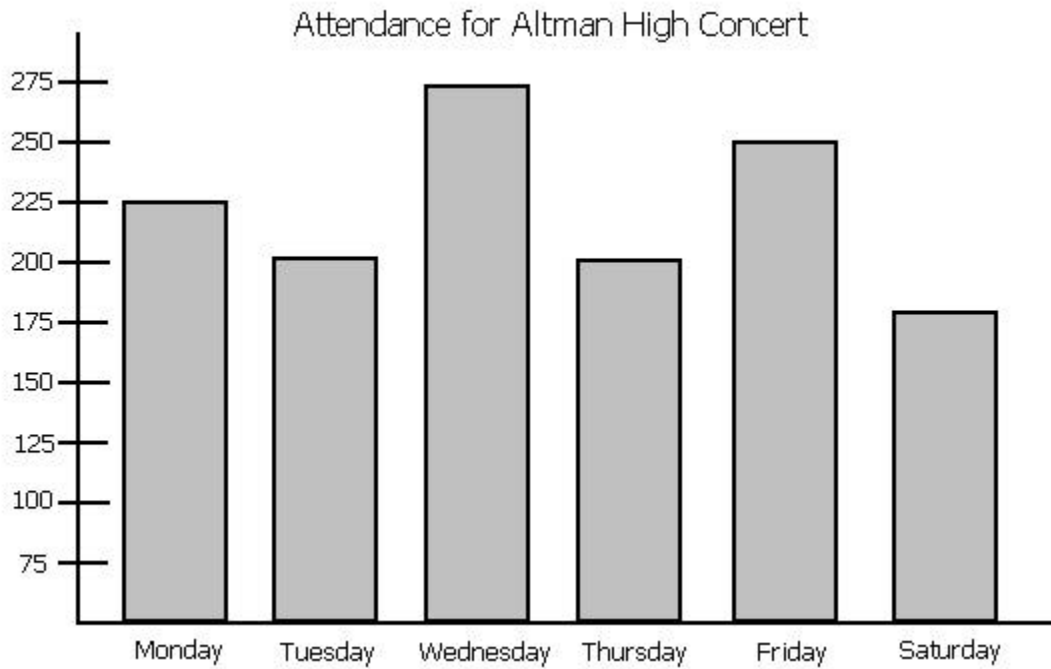
8. The following is a graph depicting the attendance for a concert at Altman High School. Use these attendance figures to answer the question below.



What was the mode for the concert? (Round decimals when appropriate)

- a) 200
- b) 213
- c) 275
- d) 221

9. The following is a graph depicting the attendance for a concert at Altman High School. Use these attendance figures to answer the question below.



What was the range for the concert? (Round decimals when appropriate)

- a) 100
- b) 213
- c) 275
- d) 75

10. The following is a table depicting the home runs hits by four baseball players from 1987-1990. Use these statistics to answer the question below.

Number of home runs hit between 1987-90

	1987	1988	1989	1990
Mark McGwire	49	32	33	39
Jose Canseco	31	42	17	37
Andre Dawson	49	24	21	27
Darryl Strawberry	39	39	29	37

Which baseball player had the greatest range of home runs hit during this time?

- a) Mark McGwire
- b) Jose Canseco
- c) Andre Dawson
- d) Darryl Strawberry