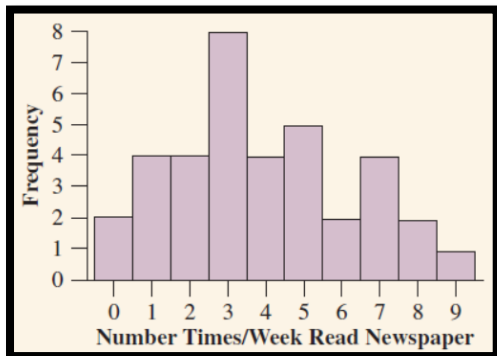
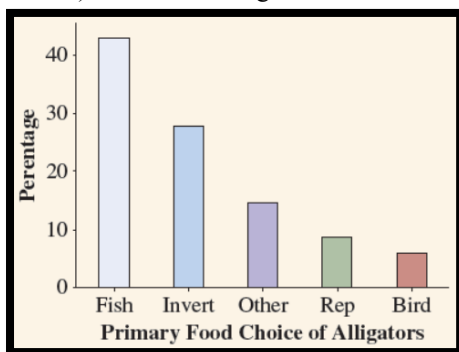


For questions 1 to 5 — How often do students read the newspaper?



- Is this variable continuous or discrete?
 - Continuous
 - Discrete
- Minimum response
 - 0
 - 2
 - 1
 - 9
- Maximum response
 - 0
 - 2
 - 1
 - 9
- Number of students who did not read the newspaper at all
 - 0
 - 2
 - 1
 - 9
- The mode is
 - 9
 - 8
 - 3
 - 0

For questions 6 to 8 — For 219 alligators captured in four Florida lakes, researchers classified the primary food choice (in volume) found in the alligator's stomach in one of the categories

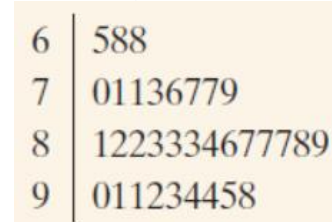


- Is primary food choice categorical or quantitative?
 - Categorical
 - quantitative
- Which is the modal category for primary food choice?
 - Fish

- Invert
- Bird
- Rep

- About what percentage of alligators had fish as the primary food choice?
 - 43
 - 25
 - 18
 - 5

For questions 9 to 12 — A student wants to examine the distribution of his scores as shown on his academic transcript. To this end, he constructs the stem-and-leaf plot of his records:



- The number of courses is ____
 - 3
 - 22
 - 33
 - 17
- The minimum score is ____
 - 6
 - 65
 - 56
 - 09
- The Maximum score is ____
 - 118
 - 98
 - 81
 - 95
- The mode is ____
 - 3
 - 7
 - 3 and 7
 - 1 and 4
- The Median is ____
 - 17
 - 82.5
 - 38
 - 83

For questions 14 to 17, refer to the information shown here:



- According to the dot plot, how many customers waited less than 15 minutes in line?
 - 10
 - 12
 - 13

- d) 15
15. What is the greatest amount of time in minutes waited in line by a customer?
- 15
 - 17
 - 19
 - 20
16. The median is
- 8
 - 9
 - 10
 - 13
17. To the nearest tenth, what is the mean number of minutes the 16 customers waited in line?
- 10.0
 - 10.3
 - 10.5
 - 11.0
18. In the following data set, what additional number should be included in the data set to yield a mean of 10?

5, 8, 10, 12, ____

- 8
- 10
- 12
- 15

The heights (in inches) of 30 adult males are listed below. A frequency distribution shows the frequency and relative frequency using five classes.

Class 01: 67.0 – 68.4

Class 02: 68.5 – 69.9

Class 03: 70.0 – 71.4

Class 04: 71.5 – 72.9

Class 05: 73.0 – 74.4

70	72	71	70	69	73	69	68	70	71
67	71	70	74	69	68	71	71	71	72
69	71	68	67	73	74	70	71	69	68

19. Which category of heights represents the mode?
- 67.0 – 68.4
 - 68.5 – 69.9
 - 70.0 – 71.4
 - 71.5 – 72.9
20. What proportion of the 30 adult males had heights less than 70 inches?
- 0.167%
 - 0.367%
 - 0.433
 - 0.20

Name

ID

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- | | | | | | | | | | |
|----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 1 | (a) | (b) | (c) | (d) | 11 | (a) | (b) | (c) | (d) |
| 2 | (a) | (b) | (c) | (d) | 12 | (a) | (b) | (c) | (d) |
| 3 | (a) | (b) | (c) | (d) | 13 | (a) | (b) | (c) | (d) |
| 4 | (a) | (b) | (c) | (d) | 14 | (a) | (b) | (c) | (d) |
| 5 | (a) | (b) | (c) | (d) | 15 | (a) | (b) | (c) | (d) |
| 6 | (a) | (b) | (c) | (d) | 16 | (a) | (b) | (c) | (d) |
| 7 | (a) | (b) | (c) | (d) | 17 | (a) | (b) | (c) | (d) |
| 8 | (a) | (b) | (c) | (d) | 18 | (a) | (b) | (c) | (d) |
| 9 | (a) | (b) | (c) | (d) | 19 | (a) | (b) | (c) | (d) |
| 10 | (a) | (b) | (c) | (d) | 20 | (a) | (b) | (c) | (d) |

STAT 20 Questions (0305)

BEST WISHES

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