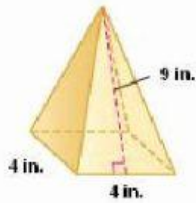


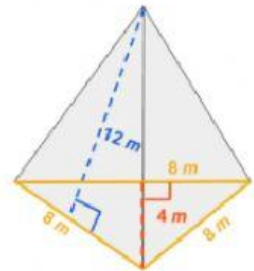
Revision – Grade 6 – Math – Exam 2 – Term 3

1. Find the surface area of the pyramid.



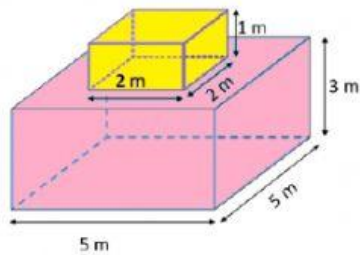
- A. ☐ 72 in^2
B. ☐ 88 in^2
C. ☐ 70 in^2
D. ☐ 106 in^2

2. Find the total surface area of the triangular pyramid.



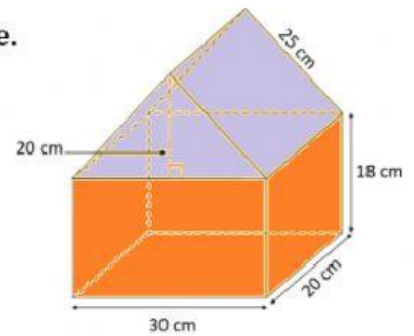
- A. ☐ 160 m^2
B. ☐ 144 m^2
C. ☐ 16 m^2
D. ☐ 24 m^2

3. Find the volume of the composite figure.



- A. ☐ 82 m^3
B. ☐ 71 m^3
C. ☐ 79 m^3
D. ☐ 75 m^3

4. Find the surface area of the composite figure.
(9 faces)



- A. ☐ 2000 m^2
B. ☐ 3000 m^2
C. ☐ 4000 m^2
D. ☐ 5000 m^2

5. Find the mean of {15, 7, 9, 25, 4}.

- A. ☐ 13
B. ☐ 10
C. ☐ 12
D. ☐ 9

6. Find the median for the data set
2, 3, 5, 7, 9, 10, 12, 15.

- A. ☐ 8
B. ☐ 10
C. ☐ 7
D. ☐ 9

7. Find the mode of the set of data.

24, 25, 30, 31, 31, 33, 34, 38,
41, 42, 44, 48, 49, 67

- A. ☐ 67
- B. ☐ 31
- C. ☐ 34
- D. ☐ 36

8. Find the mean, median, and mode of

32, 37, 20, 26, 42, 39, 26, 34,
respectively.

- A. ☐ 34; 33; 26
- B. ☐ 32; 33; 26
- C. ☐ 32; 32; 26
- D. ☐ 34; 33; 26

9. Find the range of the data set

145, 612, 120, 349, 515, 212, 590.

- A. ☐ 512
- B. ☐ 470
- C. ☐ 445
- D. ☐ 492

10. Find the interquartile range of the data.

68, 15, 55, 5, 66, 42, 51, 12, 23

- A. ☐ 47
- B. ☐ 42
- C. ☐ 63
- D. ☐ 60.5

11. Find all outliers for the data.

20, 16, 8, 12, 6, 31, 15, 14

- A. ☐ none
- B. ☐ 6 and 31
- C. ☐ 31
- D. ☐ 6

12. Find the mean absolute deviation for
the data in the table.

Round to the nearest tenth if necessary.

Plant Heights (in.)		
12	14	15
10	16	17

- A. ☐ 2
- B. ☐ 2.5
- C. ☐ 1.8
- D. ☐ 3

13. Which measure of central tendency is most representative of the data?

6, 8, 3, 5, 32, 6, 5, 4, 28, 2, 2, 2

- A. ☐ range
- B. ☐ mode
- C. ☐ median
- D. ☐ mean

14. Which measure of central tendency is most representative of the data?

1, 3, 17, 20, 4, 3, 18, 1, 2, 19

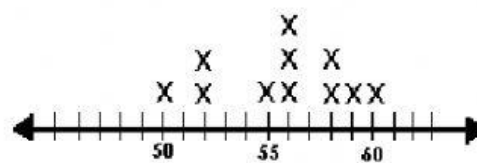
- A. ☐ range
- B. ☐ mean
- C. ☐ median
- D. ☐ mode

15. Which measures of central tendency are representative of the data?

15, 10, 13, 20, 152, 18, 8, 5, 13

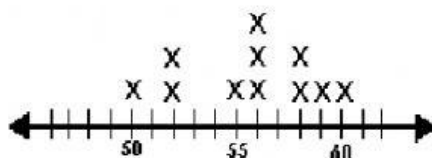
- A. ☐ median and mode
- B. ☐ mean, median, and mode
- C. ☐ mean and median
- D. ☐ mean and mode

16. Use the line plot to find the mode.



- A. ☐ 55
- B. ☐ 56
- C. ☐ 10
- D. ☐ 50

17. Use the line plot to find the range.



- A. ☐ 10
- B. ☐ 110
- C. ☐ 56
- D. ☐ 60

18. Use the line plot to find the median.

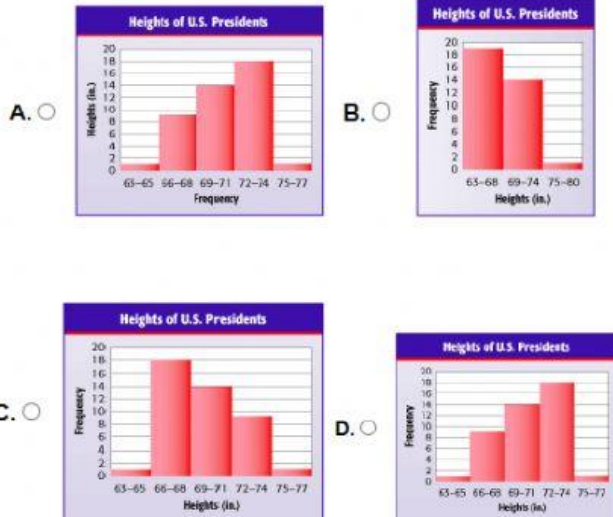


- A. ☐ 13
- B. ☐ 11.5
- C. ☐ 7
- D. ☐ 12

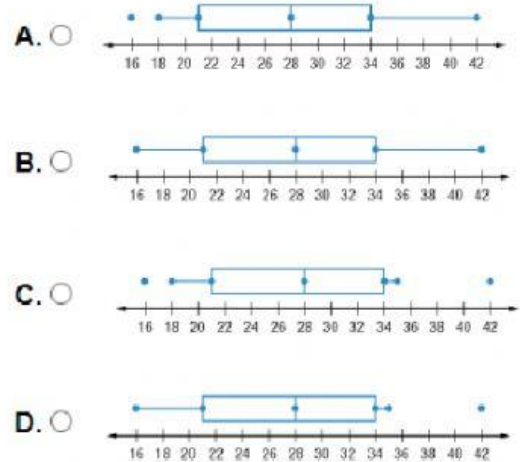
19. The table shows the heights of U.S. Presidents. Which is a histogram of the data?

Heights (in.)	Frequency
63-65	1
66-68	9
69-71	14
72-74	18
75-77	1

Source: whitehouse.gov



20. Which box-and-whisker plot represents the data?
18, 27, 16, 29, 30, 42, 35, 34, 24, 21

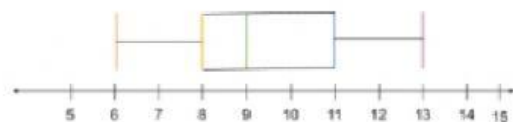


21. Find the upper extreme.



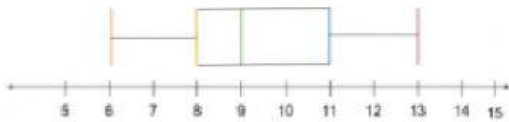
- A. ☐ 1
B. ☐ 6
C. ☐ 7
D. ☐ 11

22. Find the median.



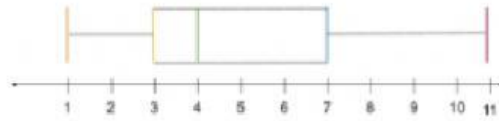
- A. ☐ 6
B. ☐ 8
C. ☐ 9
D. ☐ 13

23. Find the range.



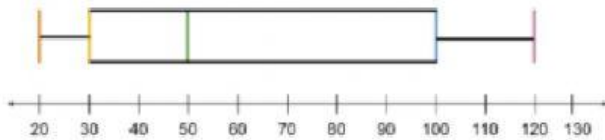
- A. ☐ 5
- B. ☐ 6
- C. ☐ 7
- D. ☐ 11

24. Find the first quartile in the data set.



- A. ☐ 1
- B. ☐ 3
- C. ☐ 4
- D. ☐ 7

25. Find the interquartile range (IQR).

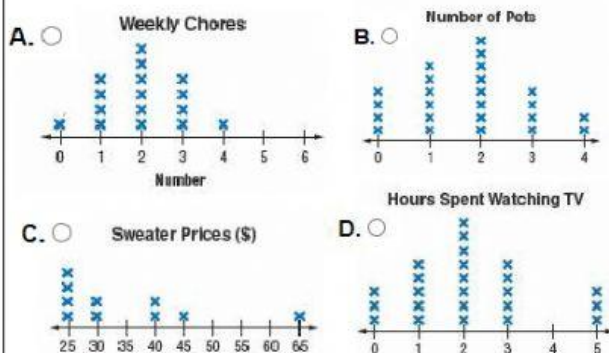


- A. ☐ 20
- B. ☐ 50
- C. ☐ 70
- D. ☐ 100

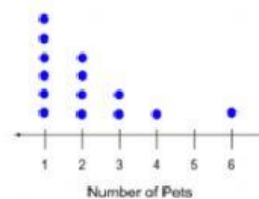
26. If the left side of a distribution looks like the right side, then the distribution is ____.

- A. ☐ skewed
- B. ☐ normal
- C. ☐ symmetric
- D. ☐ clustered

27. Which set of data has an outlier?



28. Which statement best describes the shape of the distribution?



- A. ☐ The shape of the distribution has a cluster on the right.
- B. ☐ The shape of the distribution has a cluster on the left.
- C. ☐ The shape of the distribution dose not have gaps.
- D. ☐ The shape of the distribution is symmetric distribution.