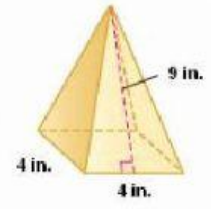
Revision – Grade 6 – Math – Exam 2 – Term 3

1. Find the surface area of the pyramid.



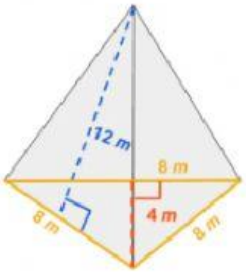
A. ○ 72 in^2

B. ○ 88 in^2

C. ○ 70 in^2

D. ○ 106 in^2

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



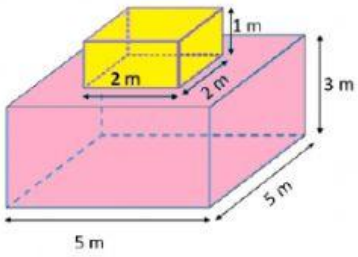
A. ○ 160 m^2

B. ○ 144 m^2

C. ○ 16 m^2

D. ○ 24 m^2

3. Find the volume of the composite figure.



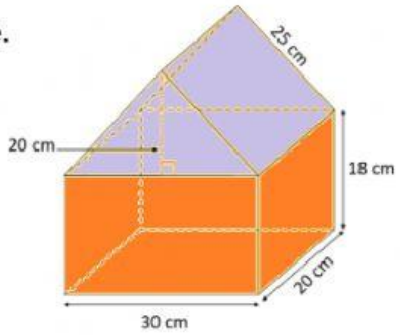
A. ○ 82 m^3

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

LIVEWORKSHEETS

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

LIVEWORKSHEETS

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

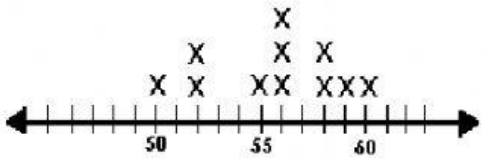
A. ○ median and mode

B. ○ mean, median , and mode

C. ○ mean and median

D. ○ mean and mode

16. Use the line plot to find the mode.



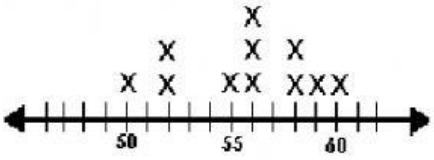
A. ○ 55

B. ○ 56

C. ○ 10

D. ○ 50

17. Use the line plot to find the range.



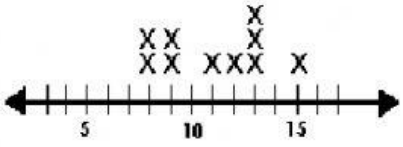
A. ○ 10

B. ○ 110

C. ○ 56

D. ○ 60

18. Use the line plot to find the median.



A. ○ 13

B. ○ 11.5

C. ○ 7

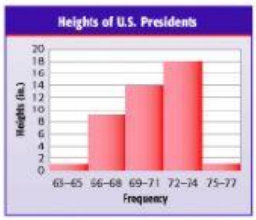
D. ○ 12

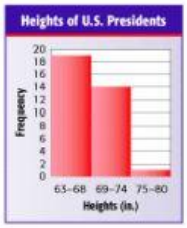
LIVEWORKSHEETS

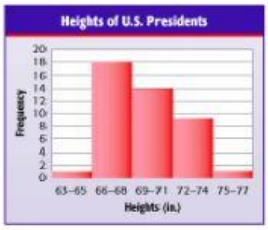
19. The table shows the heights of U.S. Presidents. Which is a histogram of the data?

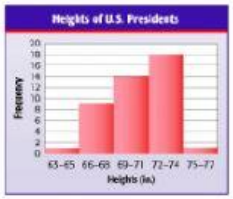
Heights (in.)	Frequency
63-65	1
66-68	9
69-71	14
72-74	18
75-77	1

Source: whitehouse.gov

A. ○ 

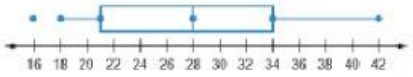
B. ○ 

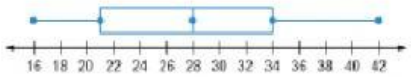
C. ○ 

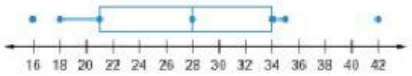
D. ○ 

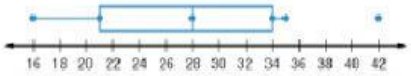
20. Which box-and-whisker plot represents the data?

18, 27, 16, 29, 30, 42, 35, 34, 24, 21

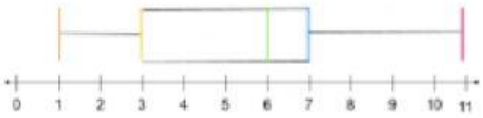
A. ○ 

B. ○ 

C. ○ 

D. ○ 

21. Find the upper extreme.



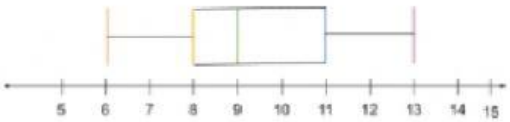
A. ○ 1

B. ○ 6

C. ○ 7

D. ○ 11

22. Find the median.



A. ○ 6

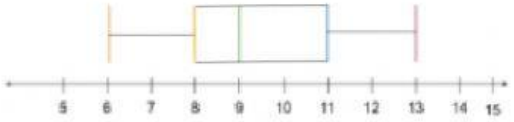
B. ○ 8

C. ○ 9

D. ○ 13

LIVEWORKSHEETS

23. Find the range.



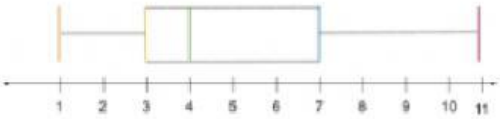
A. ○ 5

B. ○ 6

C. ○ 7

D. ○ 11

24. Find the first quartile in the data set.



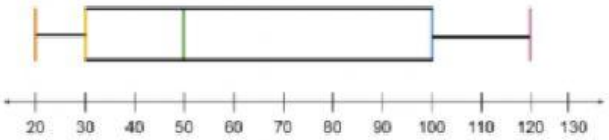
A. ○ 1

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

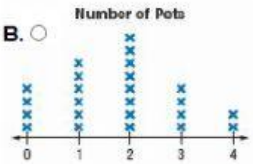
C. ○ symmetric

D. ○ clustered

27. Which set of data has an outlier?

A. ○

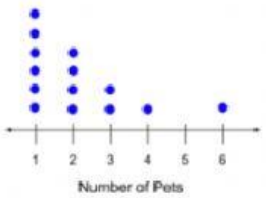
B. ○



C. ○

D. ○

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.

LIVEWORKSHEETS