TAHNOON BIN MOHAMMED (2020-2021)

MATH QUIZ (GRADE 6) - TERM 3

CHAPTER 11 - STATISTICAL MEASURES

Write the letter for the correct answer in the blank at the right of each question.

For Exercises 1 and 2, use the following set of data: 5, 7, 7, 6, 4, 8, 17, 5, 7, 5, 6, and 5.

1. Find the third and first quartiles of the data.

A. 7, 5 **B.** 6.5, 6 **C.** 17, 4 **D.** 8, 6 **1.** _____

2. Find the interquartile range of the data.

F. 2 **H.** 12

G. 5 **I.** 17 **2.** _____

3. The table shows the prices of sneakers in a store.

Price of Sneakers ($)					
40	37	25	35	29	43
34	26	39	43	51	47
35	27	45	28	50	43

What is the median price for the sneakers?

A. $25 **C.** $38

B. $29 **D.** $43 **3.** _____

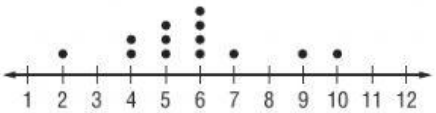
4. What is the mean absolute deviation of the data: 10, 20, 15, 17, and 13?

F. 15 **H.** 3

G. 10 **I.** 2.8 **4.** _____

For Exercises 5–7, use the dot plot below.

Number of Fiction Books Read



5. What is the mean of the data? Round to the nearest tenth.

A. 13 **B.** 7.5 **C.** 5.8 **D.** 2.9 **5.** _____

6. What is the mode of the data?

F. 10 **G.** 6 **H.** 5 **I.** 2 **6.** _____

7. What is the median of the data?

A. 4 **B.** 5 **C.** 6 **D.** 7 **7.** _____

LIVEWORKSHEETS

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For Exercises 8–10, which measure of center best represents each set of data?

8. runs scored during the baseball season: 8, 6, 9, 3, 12, 4, 2, 10, 7, 8

F. mean **H.** mode
G. median **I.** range **8.** _____

9. prices of earrings: $6, $12, $15, $12, $12, $20, $12, $13

A. mean **C.** mode
B. median **D.** range **9.** _____

10. number of telephones in the home: 3, 3, 5, 4, 3, 8, 3, 4, 3, 6, 2

F. mean **H.** mode
G. median **I.** range **10.** _____

11. Find the mean absolute deviation of the data set 8, 10, 15, 8, 12, 13, 12 and 14. Round to the nearest hundredth if necessary.

A. 1.7 **C.** 2.13
B. 2.05 **D.** 4.25 **11.** _____

12. The table shows the results of a survey about the number of contacts stored in cell phone.

Number of Contacts					
100	31	45	85	98	29
75	62	78	50	72	84
50	40	83	88	44	94

What is the third quartile of the data?

F. 67 **H.** 84
G. 83 **I.** 85 **12.** _____

13. Laura mowed 8 lawns. She earned $12, $10, $15, $15, $15, $10, and $9 for seven lawns. How much did she earn the eighth time if the mean of the data is $12?

A. $9 **C.** $12
B. $10 **D.** $15 **13.** _____

LIVEWORKSHEETS