



وزارة التربية والتعليم  
الإدارة المركزية لتطوير المناهج  
مكتب مستشار الرياضيات

# برعاية معالي وزير التربية والتعليم السيد الأسناذ / محمد عبد اللطيف

ونوجيهات رئيس الإدارة المركزية لتطوير المناهج

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**إدعاءات ونقييمات لمنهج الرياضيات**

للسف الأول الإعدادي

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إعداد

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### Math-ENGLISH-Prep1-TR1-T-W14 (1)

- 1- We can measure the central tendency using .....
- 2- Calculate the arithmetic mean of the set of values: 3 , 5 , 4
- 3- For a set of data, if:  $\sum(f \cdot x) = 240$  ,  $\sum f = 20$  , then what is the value of  $\bar{X}$  ?
- 4- For a set of data, if:  $\sum f = 12$  ,  $\bar{X} = 6$  , then what is the value of  $\sum(f \cdot x)$  ?
- 5- The following table shows the number of studying mathematics, in hours, for 20 students in a week.

|              |   |   |   |   |    |
|--------------|---|---|---|---|----|
| No. of hours | 5 | 6 | 7 | 8 | 10 |
| Frequency    | 3 | 4 | 7 | 4 | 2  |

Calculate the arithmetic mean.

### Math-ENGLISH-Prep1-TR1-T-W14 (2)

- 1- We can measure the central tendency using .....
- 2- Calculate the arithmetic mean of the set of values: 3 , 5 , 4 , 4
- 3- For a set of data, if:  $\sum(f \cdot x) = 75$  ,  $\sum f = 15$  , then what is the value of  $\bar{X}$  ?
- 4- For a set of data, if:  $\sum f = 15$  ,  $\bar{X} = 4$  , then what is the value of  $\sum(f \cdot x)$  ?
- 5- The following table shows the number of studying mathematics, in hours, for 30 students in a week.

|              |   |   |    |    |    |
|--------------|---|---|----|----|----|
| No. of hours | 8 | 9 | 10 | 11 | 12 |
| Frequency    | 6 | 6 | 10 | 4  | 4  |

Calculate the arithmetic mean.



### Math-ENGLISH-Prep1-TR1-T-W14 (3)

- 1- We can measure the central tendency using .....
- 2- Calculate the arithmetic mean of the set of values: 3 , 5 , 4 , 2 , 1
- 3- For a set of data, if:  $\sum(f \cdot x) = 225$  ,  $\sum f = 9$  , then what is the value of  $\bar{X}$  ?
- 4- For a set of data, if:  $\sum f = 14$  ,  $\bar{X} = 3$  , then what is the value of  $\sum(f \cdot x)$  ?
- 5- The following table shows the number of studying mathematics, in hours, for 10 students in a week.

|              |   |    |    |
|--------------|---|----|----|
| No. of hours | 9 | 11 | 12 |
| Frequency    | 4 | 4  | 2  |

Calculate the arithmetic mean.