

## اختبار الرياضيات الوحدة العاشرة الإحصاء غير محلول



### تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف السابع ← رياضيات ← الفصل الثالث ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 2026-04-28 14:46:32

ملفات اكتب للمعلم اكتب للطالب الاختبارات الكترونية الاختبارات ا حلول ا عروض بوربوينت ا أوراق عمل  
منهج انجليزي ا ملخصات وتقارير ا مذكرات وبنوك الامتحان النهائي للمدرس

المزيد من مادة  
رياضيات:

### التواصل الاجتماعي بحسب الصف السابع



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

### المزيد من الملفات بحسب الصف السابع والمادة رياضيات في الفصل الثالث

منهج ريفيل اختبار الوحدة التاسعة غير محلول

1

منهج ريفيل اختبار رياضيات الوحدة الثامنة غير محلول

2

مذكرة شاملة وحدات الفصل الثالث منهج ريفيل

3

مذكرة شاملة وحدات الفصل الثالث منهج بريدج

4

اختبار في الوحدة العاشرة الاحتمالات منهج بريدج

5



وزارة التربية والتعليم  
MINISTRY OF EDUCATION

## اختبار الرياضيات ريفيل الصف السابع الوحدة العشرة الفصل الثالث لعام 2025 - 2026

احجز مكانك واستعد للامتحان بثقة كاملة

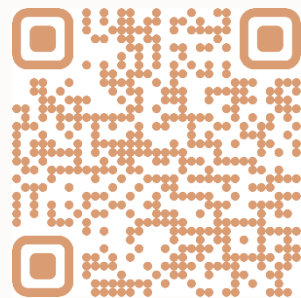
احصل على الشرح الكامل للصف من خلال:

التواصل والحجز عبر الـ Whatsapp  
اضغط على الرقم: 0566991363



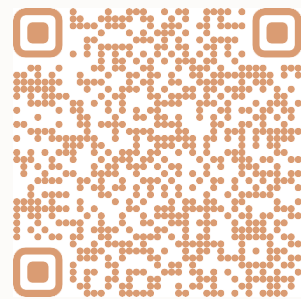
Mr. Aghead

للتواصل والحجز

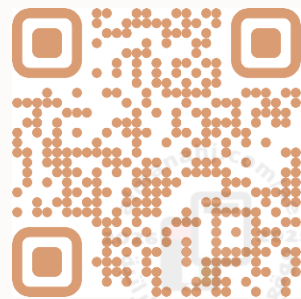


للانتقال إلى المواقع  
اضغط هنا

شرح الدروس



انضم للقناة



للتواصل اضغط الرقم:  
**0566991363**

**Mr. Aghead**

يمكنكم الحصول على

شرح دروس  
الفصل كاملاً

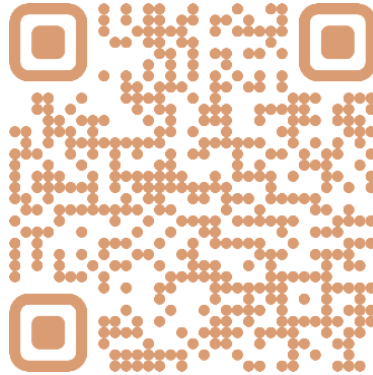
بـ 99  
درهم فقط

ملزمة محلولة  
بالكامل

اختبارات مع الحل

إن الاشتراك شامل لكامل الفصل الدراسي

لا تتردد في التواصل  
معنا قم بمسح الـ QR



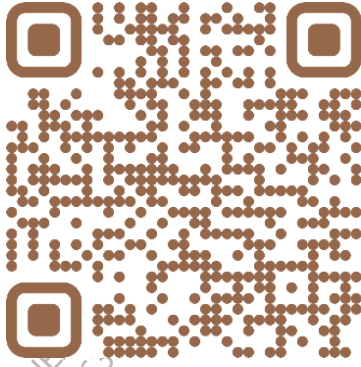
احصل على الشرح الكامل للصف من خلال:  
التواصل والحجز عبر الـ Whatsapp  
اضغط على الرقم: 0566991363

Mr. Aghead

للتواصل اضغط الرقم:  
0566991363

## اختبار الوحدة العشرة

الأسئلة الموضوعية - MCQ



لا تردد في التواصل  
معنا قم بمسح ال QR

احصل على الشرح الكامل للصف من خلال:

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اضغط على الرقم: 0566991363



Mr. Aghead

للتواصل اضغط الرقم: 0566991363

احصل على الشرح كاملاً بـ 99 درهم فقط

**Question N.1: To determine whether students think a new school library is needed, a computer generates a list of 100 random students and they are surveyed. Which method is used?**

- |                              |
|------------------------------|
| A. Systematic random sample  |
| B. Voluntary response sample |
| C. Stratified random sample  |
| D. Simple random sample      |

**Question N.2: A member of the cafeteria staff asks every fifth student leaving the cafeteria to rank 5 entrees. She finds pizza is a favorite. Is this a valid sampling method?**

- |   |
|---|
| A. No, it is a convenience sample.                  |
| B. Yes, it is an unbiased systematic random sample. |
| C. Yes, it is a biased voluntary response.          |
| D. No, it is a stratified random sample.            |

**Question N.3: 20 people leaving a restaurant are surveyed at random; 8 say they usually order dessert. What percent say they usually do NOT order dessert?**

- |        |
|--------|
| A. 40% |
| B. 8%  |
| C. 60% |
| D. 20% |

Question N.4: A school librarian surveys 25 students. predict how many science fiction books she will need to purchase if 125 students participate in book club next year.

A. 24
B. 36
C. 30
D. 42

Book Club Type	Number of Students
Autobiography	2
Graphic Novel	7
Mystery	10
Science Fiction	6

Question N.5: If a school district has 5,000 middle school students next year, about how many plan to buy lunch 1-2 days a week based on the pie chart (37%)?

A. 1850
B. 1500
C. 1250
D. 2100

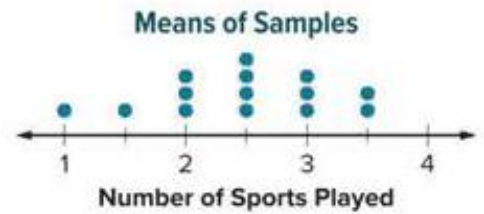


Question N.6: Of 240 checked boxes of crayons, 2 did not pass inspection. How many boxes out of 12,000 should the crayon company expect to not pass inspection?

A. 50
B. 100
C. 150
D. 200

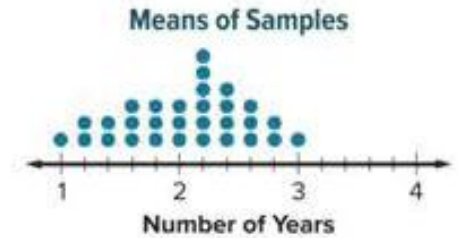
Question N.7: The dot plot in the first image displays data from 14 random samples. Each dot represents the mean number of sports played per year by students in that sample. Which number best represents the mean number of sports played by middle school students overall?

- |               |
|---------------|
| A. 1.5 sports |
| B. 2.5 sports |
| C. 3.5 sports |
| D. 4.0 sports |



Question N.8: Find and interpret the variability in the distribution based on the range of the sample means.

- |   |
|---|
| A. The variability is 2.5 sports; the means range from 1 to 3.5.              |
| B. The variability is 1 sport; all sample means are exactly the same.         |
| C. The variability is 0.5 sports; most means are between 2 and 3.             |
| D. The variability is 4 sports; the data covers the entire scale from 0 to 4. |



**Question N.9: A student examines the dot plot below, which shows the "Means of Samples." The student states that the plot contains samples of size 30. Find the student's mistake and choose the correct correction.**

- |  |
|--|
| A. The student is correct because there are exactly 30 dots on the graph.  |
| B. The error is miscounting the dots; there are actually 25 samples, not 30.   |
| C. The error is confusing the number of samples with the sample size. The correction is that there are 30 samples shown, but the size of each individual sample cannot be determined from this plot. |
| D. The error is in reading the horizontal axis; the sample size is actually 4 because the scale ends at 4.   |

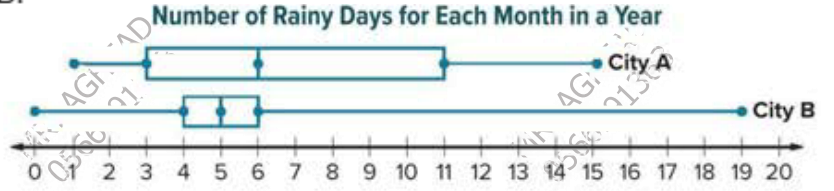
**Question N.10: A student claims that if 50% of data is below the median and 50% is above, the data must be symmetric. What is the student's error?**

- |   |
|---|
| A. The median actually splits data into 25% and 75%.  |
| B. Symmetry only depends on the Mean, not the Median.   |
| C. All data sets have 50% above/below the median by definition; this does not mean the "shape" is a mirror image (symmetric). |
| D. 50% of the data is always equal to the range.  |

**Question N.11:**

Based on the box plots for City A and City B:

- **City A:** Median = 6 days.
- **City B:** Median = 5 days.



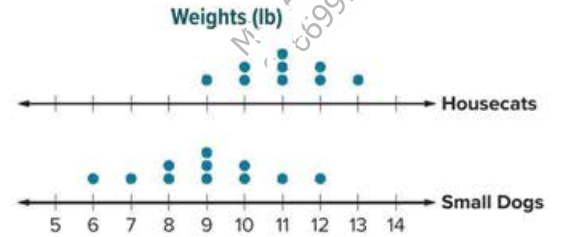
For which city is it more likely that a randomly selected month will have 6 or more rainy days?

- A. City B, because its maximum range is higher (19 days).
- B. Both cities have an equal probability.
- C. City A, because its median is 6, meaning 50% of months have 6 or more days.
- D. City B, because the box is smaller (less variability).

**Question N.12:**

Based on the double dot plot showing weights in pounds:

- **Housecats:** Range 9–13 lbs, Median at 11 lbs.
- **Small Dogs:** Range 6–12 lbs, Median at 9 lbs.



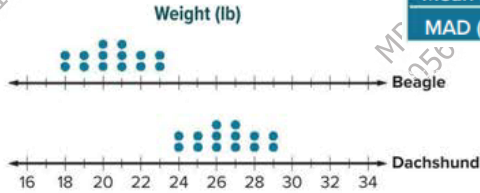
Which of the following is a correct inference about the data?

- A. The average weight of housecats is less than small dogs.
- B. The center (median) for housecats is greater than the center for small dogs.
- C. Housecats show a much higher variability (spread) than small dogs.
- D. There is no overlap between the two data sets.

**Question N.13:**

The double dot plot shows sample weights of two breeds of dogs (Beagle and Dachshund). The table provides the Mean and Mean Absolute Deviation (MAD) for each breed.

	Beagle	Dachshund
Mean (lb)	20.5	26.5
MAD (lb)	1.36	1.36



- Beagle Mean: 20.5 lb, MAD: 1.36
- Dachshund Mean: 26.5 lb, MAD: 1.36

How many measures of variability separate the means of the samples?

- A. 2.2
- B. 6.0
- C. 4.4
- D. 1.36

**Question N.14:**

**Open Response** In order to analyze how much time students typically spend doing homework each night, a teacher takes 15 random samples of 20 students each. The graph shows the mean of each sample (rounded to the nearest half hour).



What is the best estimate of the mean number of hours spent per night doing homework of the population?

- A. 2
- B. 4
- C. 6
- D. 8

Question N. 15: A grocery store conducts a random survey of its customers and finds that 78% would sign up for a rewards program if it were offered. If the rewards program is rolled out this weekend and there are 1,550 customers, how many of them would you expect to sign up for the program?

A. 341 customers

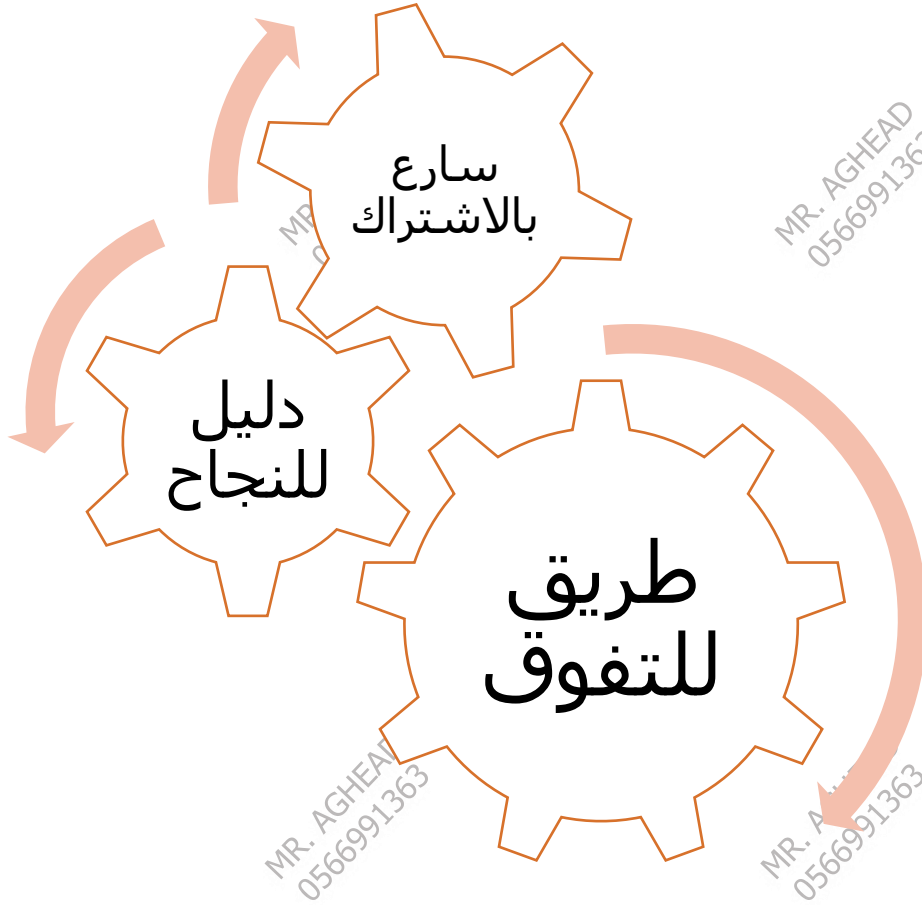
B. 429 customers

C. 1,145 customers

D. 1,209 customers

Mr. Ahead

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للحجز التواصل عبر الـ Whatsapp من خلال الضغط على الرقم:

**0566991363**

مع أطيب التمنيات بالنجاح والتوفيق ...

النهاية ...

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احصل على الشرح كاملاً بـ 99 درهم فقط