

أسئلة الامتحان النهائي القسم الإلكتروني المسار المتقدم مع الحلول



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: 2025-05-26 10:21:52

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل
منهج انجليزي | ملخصات وتقارير | 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

تجميعية صفحات الكتاب وفق الهيكل الوزاري حسب منهج بريدج

1

حل تجميعية مراجعة نهائية وفق الهيكل الوزاري منهج بريدج

2

ملزمة تجميعية وفق الهيكل الوزاري منهج بريدج بدون الحل

3

أسئلة الامتحان النهائي القسم الورقي منهج ريفيل المسار المتقدم

4

حل تدريبات الدرس الرابع مقارنة المجموعات الإحصائية من الوحدة 11 الإحصاء والاحتمال

5

Book Club Type	Number of Students
Autobiography	6
Story Seekers	12
Mystery	8
Science Fiction	4

A school librarian is purchasing new books for her book clubs in the coming year. In order to determine how many books she needs, she randomly surveys 30 students who plan to participate in one of her book clubs in the coming year. The table above shows the results. If 150 students participate in the book clubs next year, how many “*Story Seekers*” books will the librarian need to purchase?

a.

20

☐

b.

30

☐

c.

40

☐

d.

60

☐

2025

2024

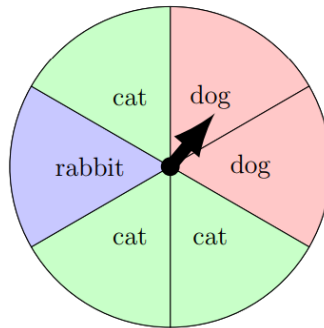
A triangular prism has a height of 6 meters and volume of 54 cubic meters. Which of the following is the area of the base of the prism?

- a. 4.5 square meters
- b. 9 square meters ☒
- c. 24 square meters ☐
- d. 48 square meters ☐

2025

2024

موقع المناهج
الأمارات

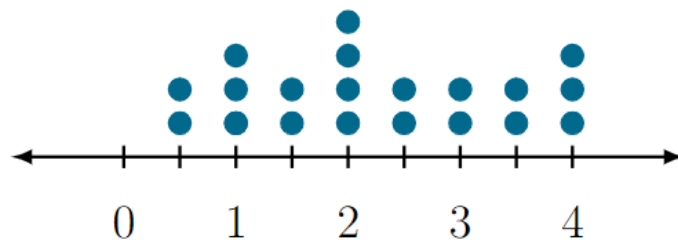


The spinner shown is spun once. What is the likelihood of the spinner landing on cat or dog?

- a. Impossible ☐
- b. Unlikely ☐
- c. Equally likely ☐
- d. Likely ☐

The dot plot displays data from 20 random samples, each consisting of 25 students. Each dot represents the mean time spent by students in the sample doing homework per night. Which of the following dot plots displays the highest variability?

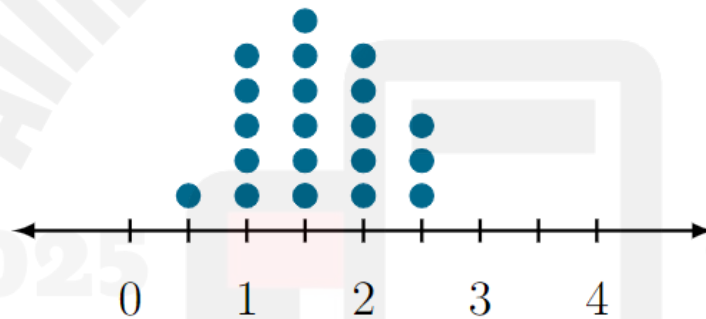
Means of Samples



Number of Hours Spent Doing Homework

a.

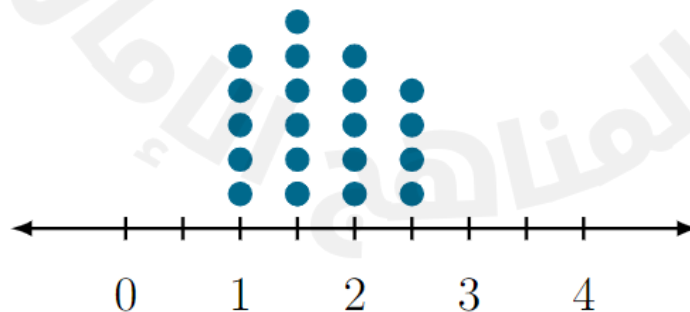
Means of Samples



Number of Hours Spent Doing Homework

b.

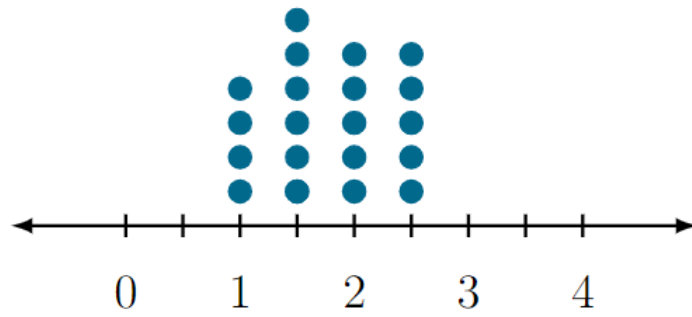
Means of Samples



Number of Hours Spent Doing Homework

c.

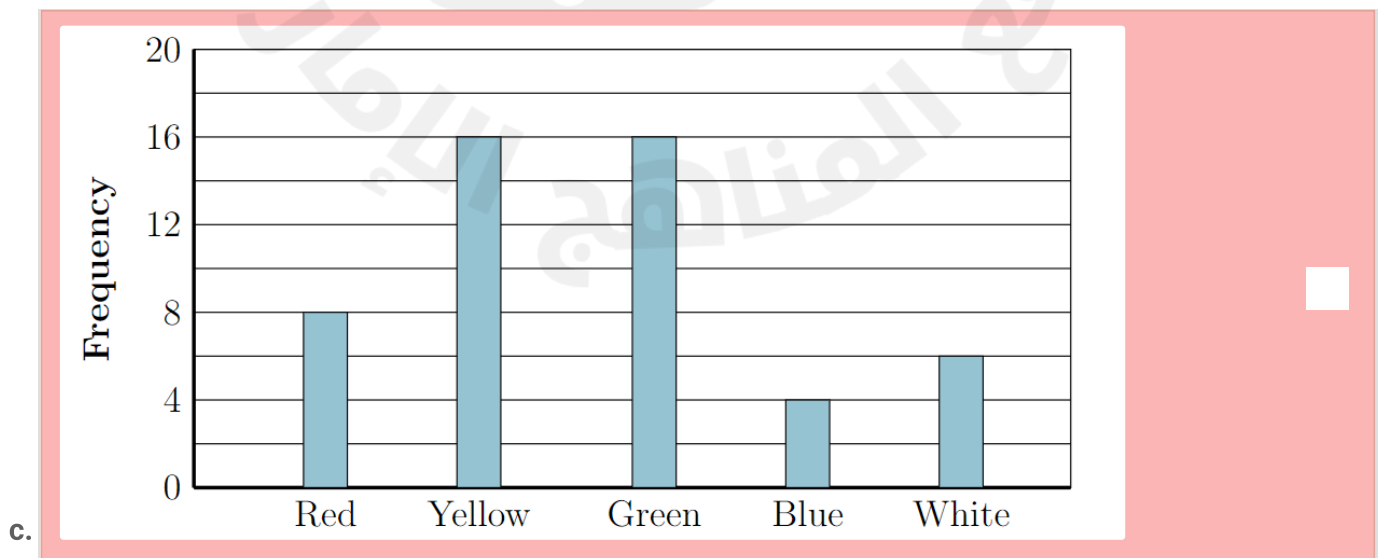
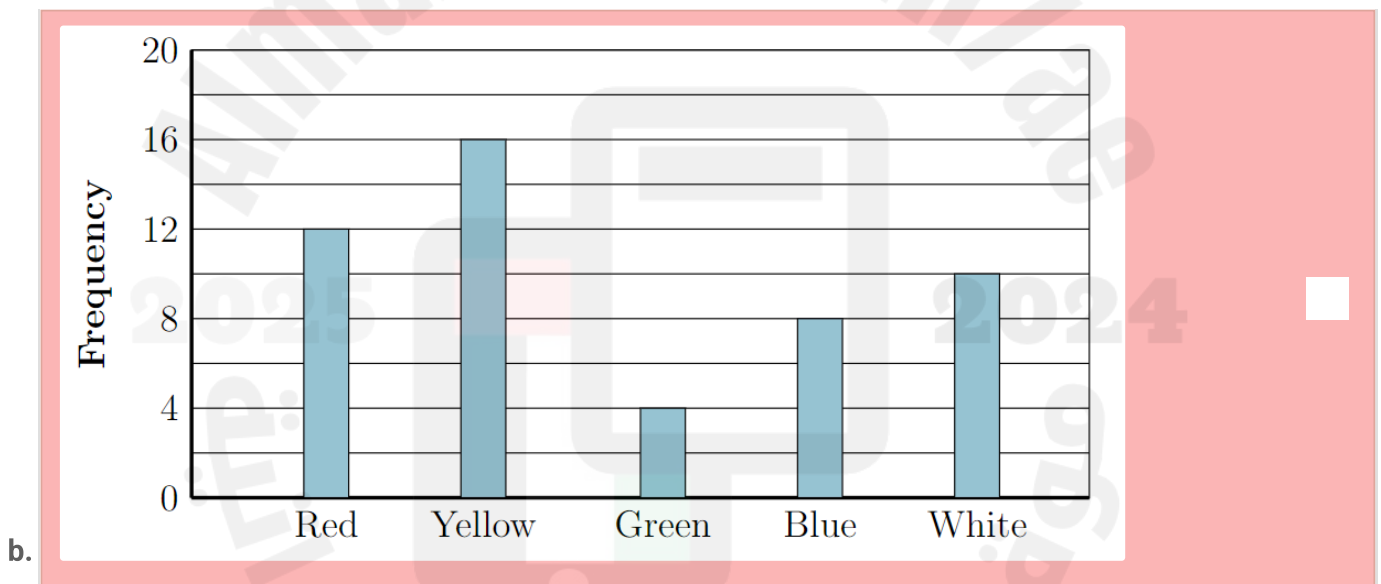
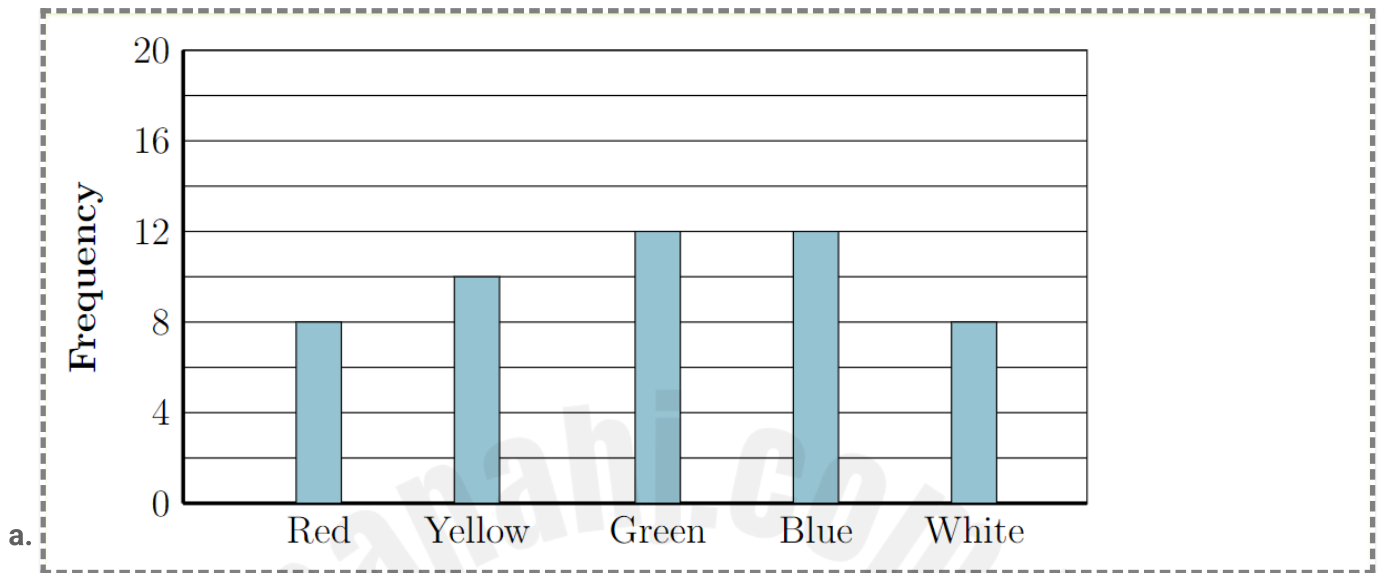
Means of Samples

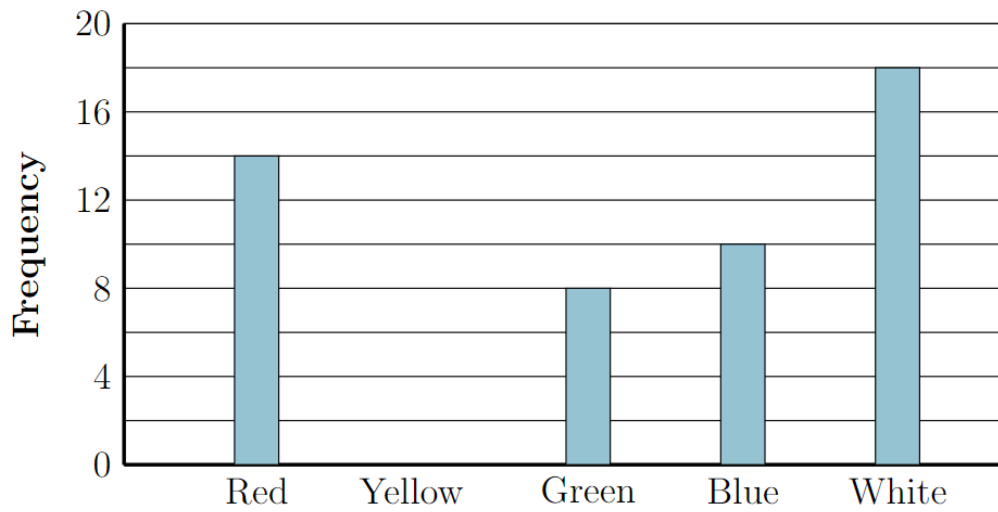


d. Number of Hours Spent Doing Homework



Ahmad spins a spinner with five equal sections labeled red, yellow, green, blue, and white, 50 times. Which of the following graphs best represents the results that can be expected from Ahmad's experiment?

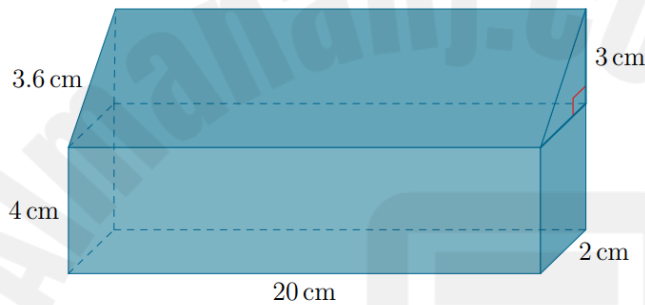




d.

س6: حجم ومساحة سطح الأشكال المركبة

العلامة (العلامات): 0/4



A gift box is composed of a rectangular prism and a triangular prism as shown above. What is the total surface area of the gift box?

a.

256 square centimeters

☐

b.

354 square centimeters

☐

c.

454 square centimeters

☐

d.

500 square centimeters

☐

A player in a board game rolls a six-sided number cube labeled 1 through 6 once. Which of the following is the theoretical probability of rolling a prime number?

- a. $\frac{1}{6}$
- b. $\frac{1}{3}$
- c. $\frac{1}{2}$
- d. $\frac{2}{3}$

The exact circumference of a circle is 14π inches. What is the area of the circle?

- a. 7π square inches
- b. 14π square inches
- c. 49π square inches
- d. 196π square inches

A travel agency randomly surveyed its customers and found that 45% are planning an overseas vacation next year. If the agency has a total of 8,000 customers, how many would be expected to go for a vacation overseas next year?

7,955

a.

3,600

b.

3,750

c.

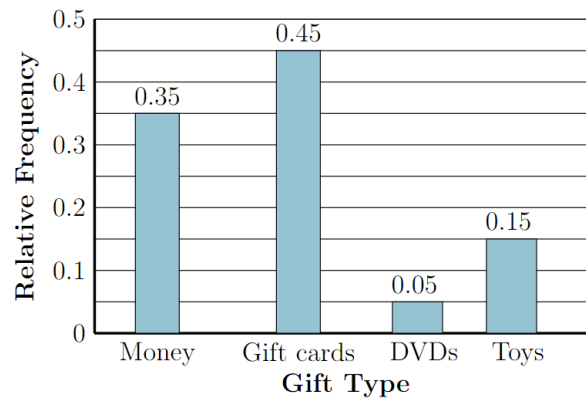
4,000

d.

2025

2024

موقع المناهج
الأمارات



A random selection of students was asked the question “*What type of gift did you last receive?*” and the results were recorded in the relative frequency bar graph shown above. What is the experimental probability that a student chosen at random received a toy or money?

- a. ☐
- b. ☐
- c. ☐
- d. ☐

A circular fence is being used to surround a pet house. If 16π feet of fencing is required, what is the radius of the circular fence?

a.

4 feet

b.

8 feet

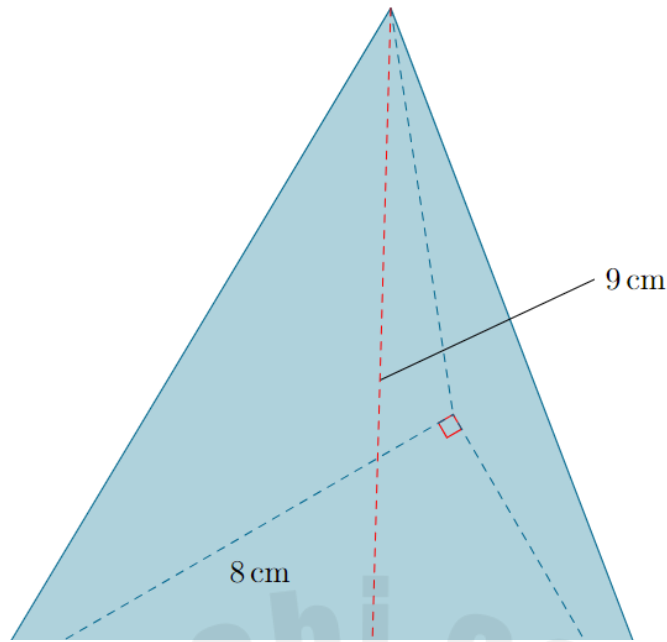
c.

16 feet

d.

32 feet





a.

48 cubic centimeters

☐

b.

96 cubic centimeters

☐

c.

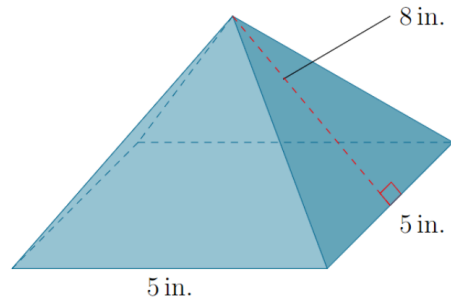
192 cubic centimeters

☐

d.

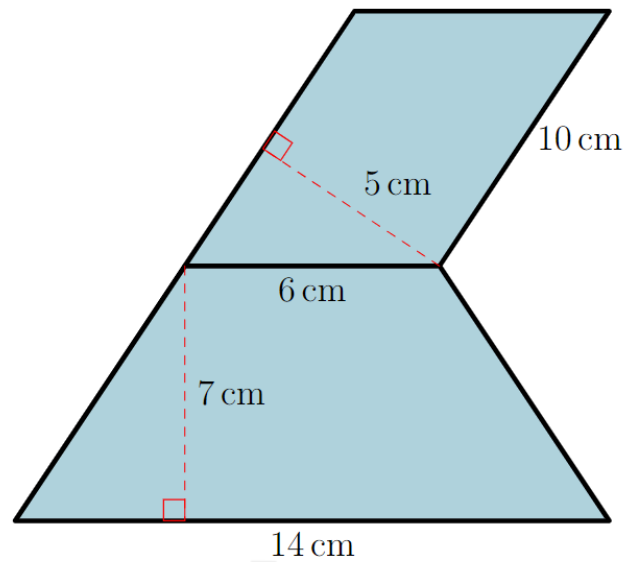
288 cubic centimeters

☐



If the base area of a square pyramid is 25 square inches and the area of one lateral face is 20 square inches, what is the surface area of the pyramid?

- a. 65 square inches ☐
- b. 45 square inches ☐
- c. 105 square inches ☒
- d. 120 square inches ☐



اختر الإجابة الصحيحة من الخيارات التالية:

a.

90 square centimeters

☐

b.

120 square centimeters

☐

c.

140 square centimeters

☐

d.

190 square centimeters

☐

A spinner with five equal sections of green, red, yellow, blue, and white is spun 50 times. It lands on green 9 times, red 12 times, yellow 14 times, blue 11 times, and white 4 times. Which of the following is the relative frequency of landing on white?

- a. 8% ☐
- b. 18% ☐
- c. 24% ☒
- d. 28% ☐

