

## اختبار تجريبي القسم الالكتروني وفق الهيكل الوزاري المسار المتقدم



### تم تحميل هذا الملف من موقع المناهج الإماراتية

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

تاريخ إضافة الملف على موقع المناهج: 2025-06-04 16:50:32

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

المزيد من مادة  
رياضيات:

إعداد: Abohatem Asmaa

### التواصل الاجتماعي بحسب الصف السادس



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

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

حل نموذج تدريبي للاختبار النهائي وفق الهيكل الوزاري

1

نموذج تدريبي للاختبار النهائي وفق الهيكل الوزاري

2

حلول تجميعية أسئلة وفق الهيكل الوزاري منهج ريفيل

3

تجميعية أسئلة وفق الهيكل الوزاري منهج ريفيل بدون الحل

4

ملزمة شاملة وفق الهيكل الوزاري منهج بريدج

5

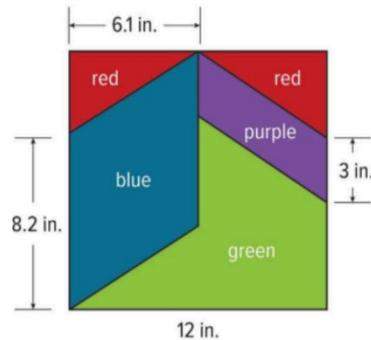
**Math Mock Exam for Term 3 \_ 2024/2025**

<b>Day and date</b>	<b>16/06/2025</b>
<b>Exam Duration</b>	<b>150 minutes</b>
<b>Cycle</b>	<b>2</b>
<b>Grade/ Section</b>	<b>6 Advanced</b>
<b>Student Name</b>	
<b>Student ID No.</b>	

<b>Questions</b>	<b>Marks</b>	<b>Name of the corrector</b>
<b>MCQs</b>	<b>/60</b>	
<b>FRQ 1</b>	<b>/5-10</b>	
<b>FRQ 2</b>	<b>/5-10</b>	
<b>FRQ 3</b>	<b>/5-10</b>	
<b>FRQ 4</b>	<b>/5-10</b>	
<b>FRQ 5</b>	<b>/5-10</b>	
<b>Total Mark</b>	<b>/100</b>	

## Question 1

The pattern shows the dimensions of a quilting square that Shaikha will use to make a quilt. How much blue fabric will she need to make one square?



A 58.02 square inches

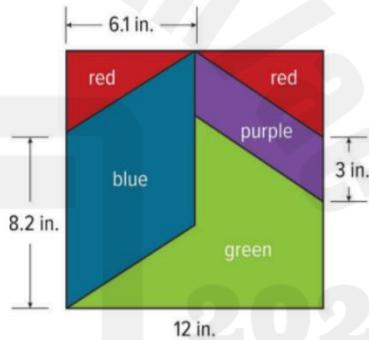
C 50.07 square inches

B 86.02 square inches

D 76.02 square inches

## Question 1

The pattern shows the dimensions of a quilting square that Shaikha will use to make a quilt. How much purple fabric will she need to make one square?



A 17.7 square inches

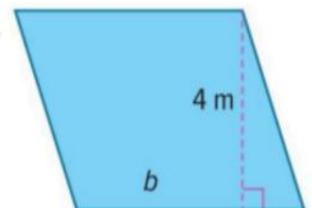
C 16.7 square inches

B 17.8 square inches

D 16.8 square inches

## Question 1

The area of the following parallelogram is **28 square meters**. If the height is **4m**, what is the base?



A 5 m

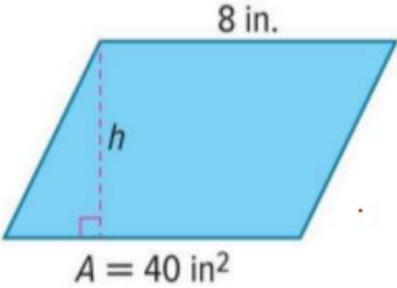
C 7m

B 6 m

D 8 m

Question 1

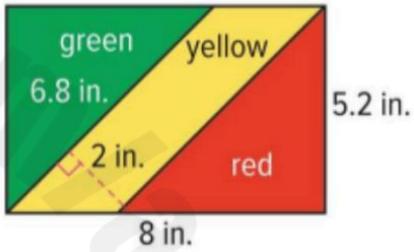
What is the Hight of the following parallelogram?



A	4 in	C	6 in
B	5 in	D	7 in

Question 1

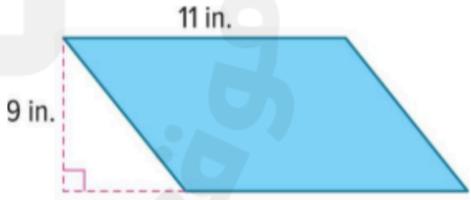
Find the Area of the yellow striped region of the flag of the Republic of the Congo.



A	13.6 square inches	C	13.8 square inches
B	14.6 square inches	D	14.8 square inches

Question 1

What is the area of the Parallelogram?

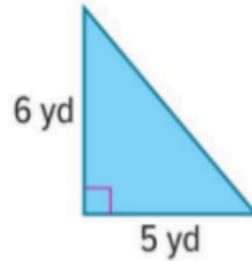


A	87 square inches	C	98 square inches
B	88 square inches	D	99 square inches



## Question 2

Find the Area of the tringle.



A	15 square feet	C	14 square feet
B	17 square feet	D	16 square feet

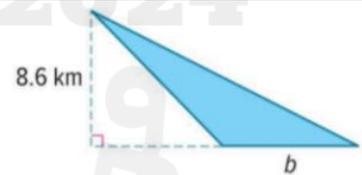
## Question 2

Tammeeka is in charge of designing a school pennant for spirit week. What is the area of pennant?



A	$11\frac{3}{8}$ square yards	C	$10\frac{6}{8}$ square yards
B	$10\frac{7}{8}$ square yards	D	$11\frac{3}{4}$ square yards

## Question 2

The area of the following tringle is **38.7 square kilometers**.  
If the height is 8.6km, what is the base?

A	3 km	C	9 km
B	7 km	D	4 km

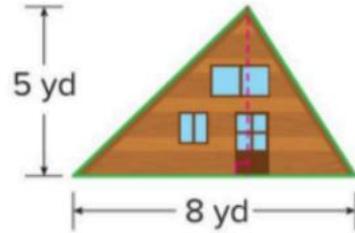
## Question 2

A tringle has an Area of 13.5 square inches, a base of 6.75 inches. What is the height of the triangle?

A	3 in	C	5 in
B	7 in	D	4 in

Question 2

Hind has an A-frame cabin. The back is shown below. If the total of the windows and doors is 3.5 square yards, how many square yards of paint will she need to cover the back of the cabin?

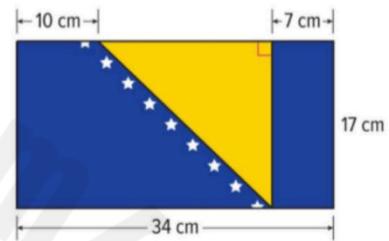


area  
yards

A	16.8 square yards	C	19.5 square yards
B	16.5 square yards	D	17.5 square yards

Question 2

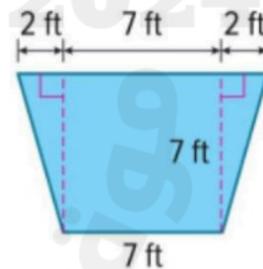
The flag of Bosnia and Herzegovina is shown. What is the area of the triangle on the flag?



A	138.5 square centimeters	C	144.5 square centimeters
B	144.1 square centimeters	D	143.5 square centimeters

Question 3+6

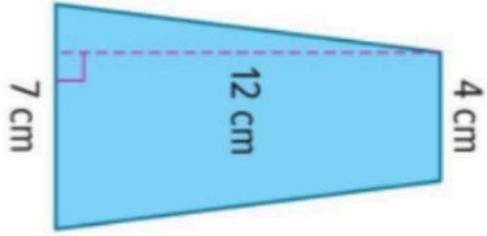
Find the Area of the following trapezoid.



A	63 square feet	C	64 square feet
B	67 square feet	D	65 square feet

Question 3+6

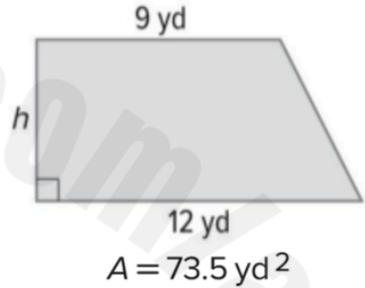
What is the Area of the trapezoid?



A	68 square centimeters	C	69 square centimeters
B	66 square centimeters	D	67 square centimeters

Question 3+6

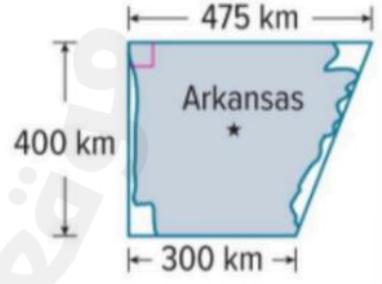
What is the height of the trapezoid in yards?



A	6 yd	C	7 yd
B	5 yd	D	4 yd

Question 3+6

The shape of Arkansas resembles a trapezoid. What is the approximate area of Arkansas?

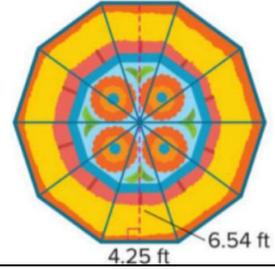


A	155,00 square kilometers	C	155 square kilometers
B	155,0 square kilometers	D	155,000 square kilometers



## Question 4

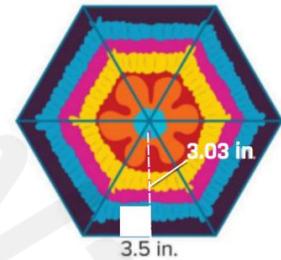
Find the area of the decagon.



A	138.38 square feet	C	118.28 square feet
B	138.98 square feet	D	148.29 square feet

## Question 4

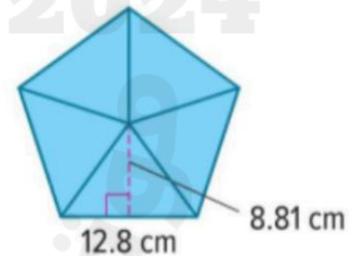
Find the area of the hexagon.



A	32.89 square inches	C	31.82 square inches
B	31.98 square inches	D	32.87 square inches

## Question 4

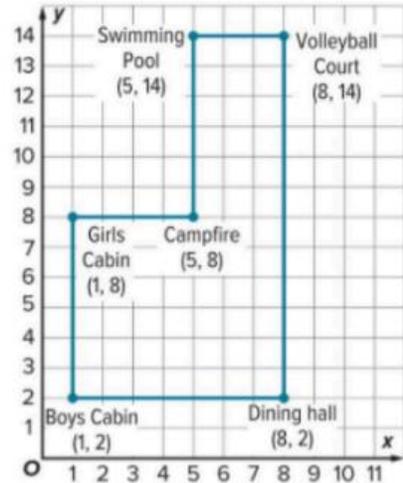
A regular pentagon is shown. What is the area of the pentagon?



A	219.92 square centimeters	C	281.92 square centimeters
B	228.92 square centimeters	D	291.92 square centimeters

Question 5

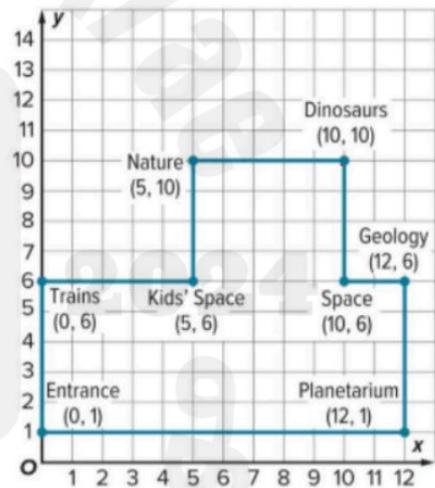
Find the perimeter of the summer camp shown on the coordinate plane.



A	40 units	C	37 units
B	39 units	D	38 units

Question 5

Find the perimeter of the science center shown on the coordinate plane.



A	41 units	C	40 units
B	42 units	D	44 units

Question 5

A rectangle has vertices  $W(2,7), X(2,0), Y(6,0),$  and  $Z(6,7)$ . What is the perimeter of the rectangle?

A	21 units	C	22 units
B	26 units	D	23 units

## Question 5

A polygon has vertices  $W(2,3)$ ,  $X(4,3)$ ,  $Y(2,7)$ , and  $Z(4,7)$ . What is the area of the polygon?

A	8 square units	C	12 square units
B	10 square units	D	16 square units

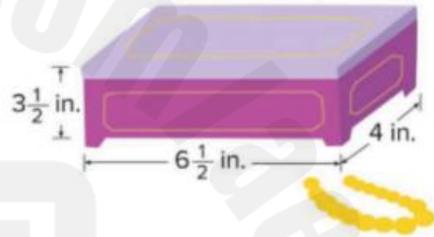
## Question 5

A polygon has vertices  $W(3,3)$ ,  $X(3,6)$ , and  $Z(9,3)$ . What is the area of the polygon?

A	9 square units	C	8 square units
B	10 square units	D	7 square units

## Question 7

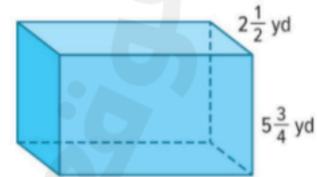
Fatima made a jewelry box in the shape of a rectangular prism with the dimensions shown. What is the volume of the jewelry box?



A	93 cubic inches	C	91 cubic inches
B	92 cubic inches	D	89 cubic inches

## Question 7

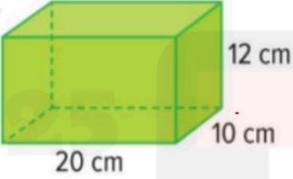
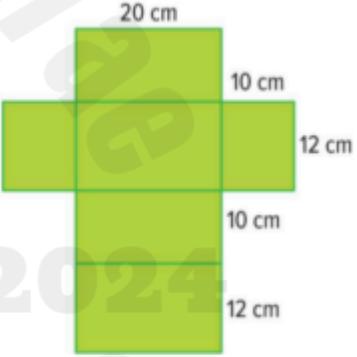
The rectangular prism shown has a volume of 115 cubic yards. What is the length of the prism?



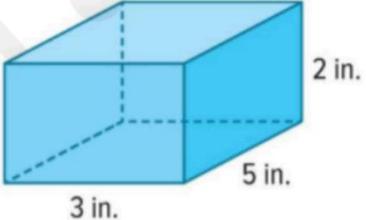
A	7 yd	C	11 yd
B	8 yd	D	3 yd

Question 7			
Ahmed drives a standard-sized dump truck with a rectangular prism shape bed. The volume of the bed of the truck is 720 cubic feet. If the length of the bed is 15 feet and the width is 8 feet, what is the height of the bed of the dump truck?			
A	6 ft	C	9 ft
B	7 ft	D	8 ft

Question 7			
A rectangular prism has a length of 8 inches, a width of $7\frac{1}{2}$ inches, and a height of $6\frac{1}{4}$ inches. What is the volume of the prism?			
A	5 ft	C	4 ft
B	6 ft	D	7 ft

Question 8			
Ali is painting the box shown for part of his art project. If he paints all the surfaces, use the net to find how many square centimeters will he paint? of			
			

A	1,173 square centimeters	C	1,127 square centimeters
B	1,120 square centimeters	D	1,118 square centimeters

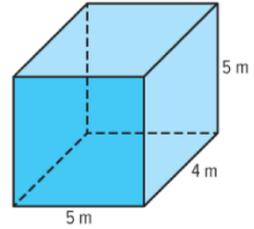
Question 8			
Use the net to find the surface Area of the rectangular prism.			
			

A	98 square inches	C	19 square inches
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B	54 square inches	D	62 square inches
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Question 8

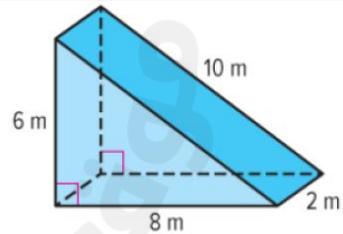
Which of the following nets can be used to represent the figure?



A		C	
B		D	

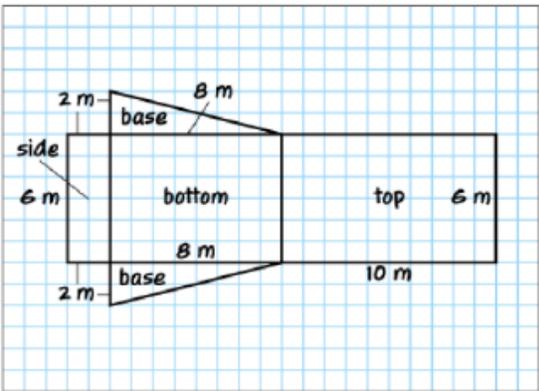
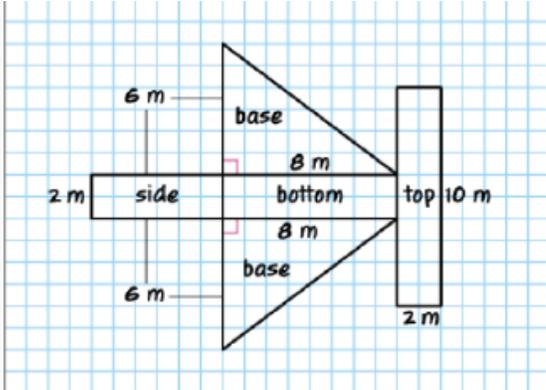
Question 9

Which of the following nets can be used to represent the figure?



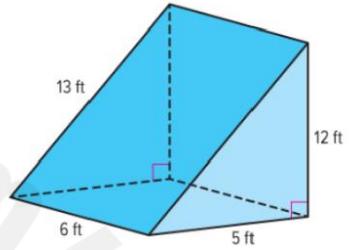
A		C	
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B	D
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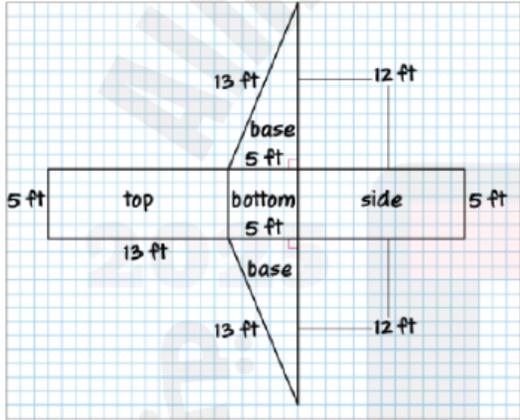
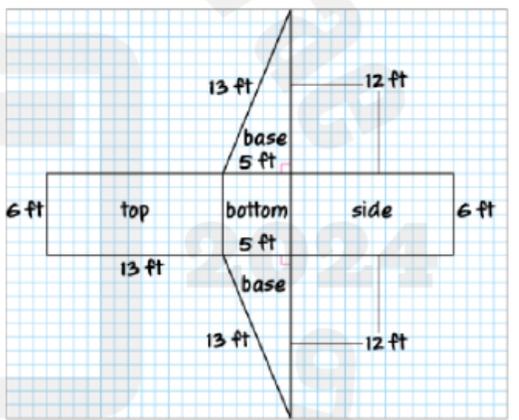



Question 9

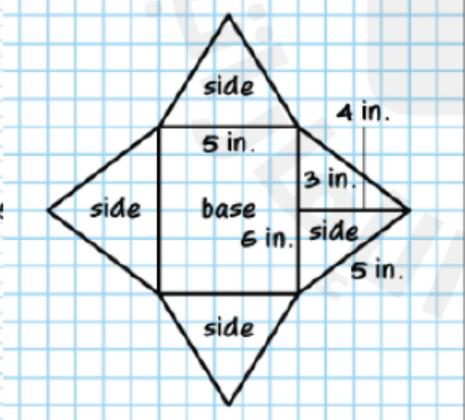
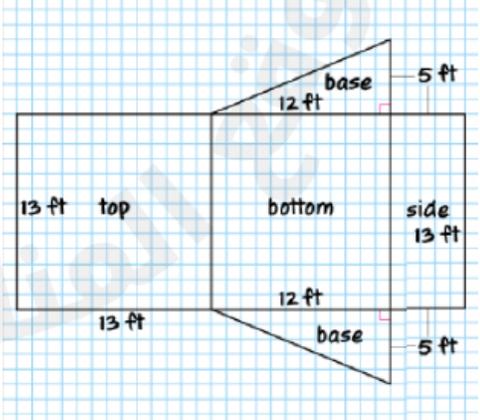
Which of the following nets can be used to represent the figure?



A	C
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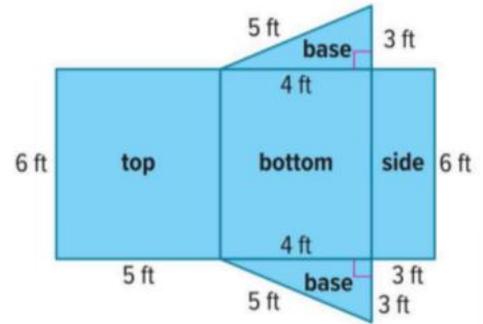
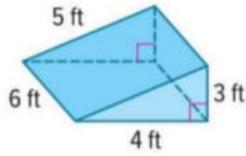



B	D
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Question 9

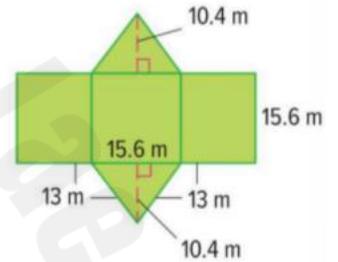
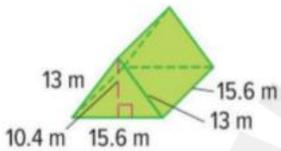
Use the net to find the surface area of the triangular prism.



A	48 square feet	C	76 square feet
B	84 square feet	D	67 square feet

Question 9

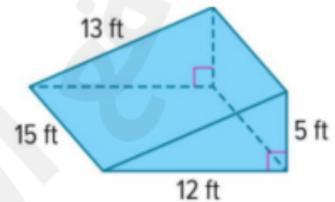
Use the net to find the surface area of the triangular prism.



A	898.2 square meters	C	821.2 square meters
B	865.2 square meters	D	811.2 square meters

Question 9

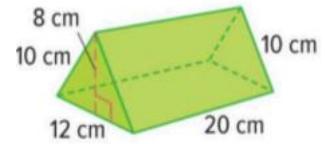
Find the surface Area of the triangular prism.



A	23,655 square feet	C	23,665 square feet
B	23,755 square feet	D	23,658 square feet

Question 10

Find the surface Area of the triangular prism.



A 285.2 square feet

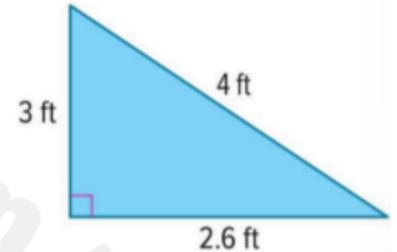
C 256.2 square feet

B 295.2 square feet

D 277.2 square feet

Question 9

Find the surface Area of the triangular prism that has the base triangle shown and a prism height of 7 feet.



A 70 square feet

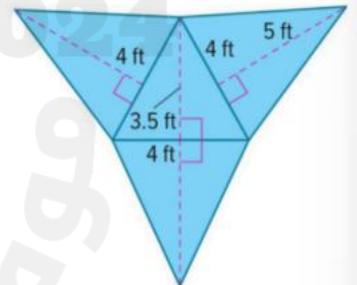
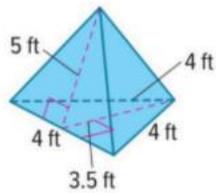
C 46 square feet

B 75 square feet

D 65 square feet

Question 10

Find the surface Area of the triangular pyramid.



A 25 square feet

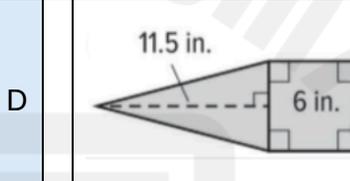
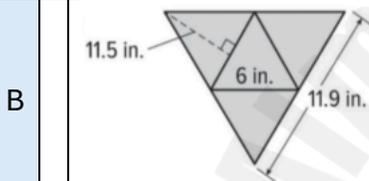
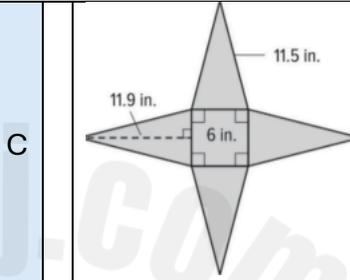
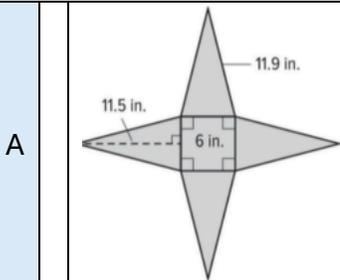
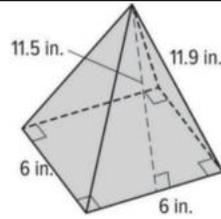
C 33 square feet

B 27 square feet

D 37 square feet

Question 10

Select the net that represents the pyramid shown.



Question 11

Which of the following is **not** a static question?

A	How many roller coasters does the typical middle school student ride last summer?	C	In what year was the tallest roller coaster built?
B	In how many emirates has the typical adult in your neighborhood lived?	D	How many sporting events did the average student attend last year?

Question 11

Select the statement that best represents the data.

Number of Siblings	Number of Responses
0-1	10
2-3	7
4-5	2
6 or more	1

A	Most students surveyed typically have 2-3 siblings.	C	Exactly half of the students surveyed typically have 2-3 siblings.
B	Most students surveyed typically have 4 or more siblings.	D	Exactly half of the students surveyed typically have 0-1 siblings.

Question 11

Shouq survey her classmates using question How many toppings do you like one an ice-cream sundae? The responses were 2,3,7,4,5,5,4,4,1,2,4,3,4,3,6,0,4,5,6 and 5 toppings.

Which table shows the correct organization for the data?

A	Number of Toppings	Number of Responses	C	Number of Toppings	Number of Responses
	0-1	2		0-1	2
	2-3	5		2-3	5
	4-5	9		4-5	10
	6 or more	3		6 or more	3
B	Number of Toppings	Number of Responses	D	Number of Toppings	Number of Responses
	0-1	2		0-1	2
	2-3	5		2-3	6
	4-5	9		4-5	9
	6 or more	4		6 or more	3

Question 12

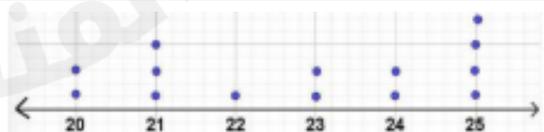
The following table represents the weights of 14 kids. Which line plot is the best representation of the data?

The weight						
25	24	25	21	20	22	20
24	24	25	25	20	23	21

A		C	
B		D	

Question 12

Find the mean for the data.



A	22.79	C	22.81
B	23.79	D	24.81

Question 13

Find the mean absolute deviation for the following set.

Number of Sunny Days in Various Cities Last Month			
15	27	10	19
24	21	28	16

- |   |   |   |   |
|---|---|---|---|
| A | 5 | C | 6 |
| B | 4 | D | 7 |

Question 13

which statement is correct about the mean absolute deviation for the 2 sets shown on the table.

Number of Wins Per Season					
Bears	7	10	13	12	9
Saints	12	15	10	14	13

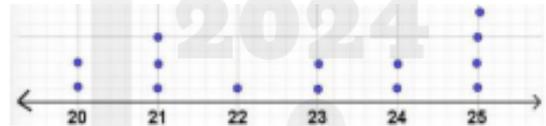
- |   |   |   |  |
|---|---|---|--|
| A | The mean absolute deviation of the number of wins is greater for the Saints than for the Bears. | C | The data values for the Saints are closer to the mean. |
| B | The mean absolute deviations are equal  | D | The data values for the Bears are closer to the mean.  |

Question 13

The scores of 4 students are: 13,12,15,and 16. Find the mean absolute deviation of the data.

- |   |     |   |     |
|---|-----|---|-----|
| A | 14  | C | 2.5 |
| B | 1.5 | D | 3.5 |

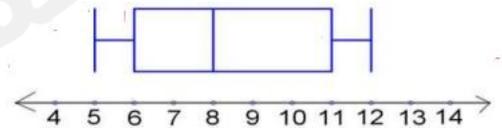
Find the median for the data.



- |   |    |   |    |
|---|----|---|----|
| A | 23 | C | 21 |
| B | 22 | D | 24 |

Question 14+15

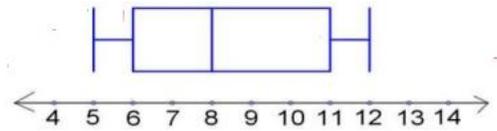
What is the IQR for the data represented by the box plot shown.



- |   |   |   |   |
|---|---|---|---|
| A | 5 | C | 7 |
| B | 6 | D | 8 |

Question 14+15

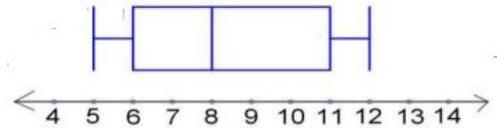
What is the range for the data represented by the box plot shown.



A	5	C	7
B	6	D	8

Question 14+15

What is the median for the data represented by the box plot shown.



A	5	C	7
B	6	D	8

Question 15

Which of the following box plots represents the data **6, 9, 4, 7, 11, 10, 5.**

A		C	
B		D	