



UNITED NATIONS COLLEGE I.E.D.
PREPARATORY WORKSHOP
III TRIMESTER - 2024
MATHEMATICS 201°

This workshop must be copied and solved in the mathematics notebook, as a requirement to present the competency-based test.

DELIVERY DATE: November 12

1. Multiply

a)

	d	u
	2	5
x		3
<hr/>		
	<input type="text"/>	<input type="text"/>

b)

	c	d	u
		3	4
x			6
<hr/>			
	<input type="text"/>	<input type="text"/>	<input type="text"/>

c)

	c	d	u
	2	6	0
x			2
<hr/>			
	<input type="text"/>	<input type="text"/>	<input type="text"/>

d)

	c	d	u
	3	0	7
x			3
<hr/>			
	<input type="text"/>	<input type="text"/>	<input type="text"/>

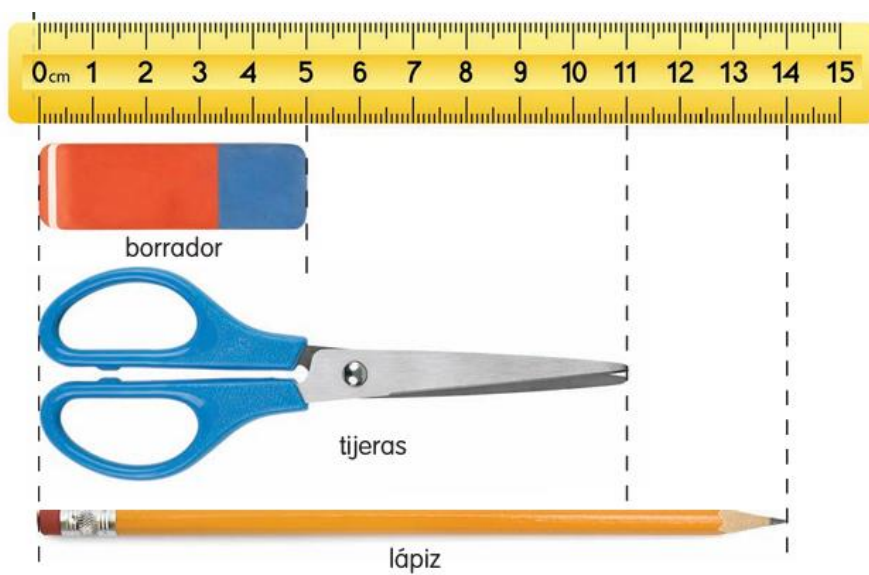
a)

	um	c	d	u
		4	7	3
x				4
<hr/>				
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

b)

	um	c	d	u
		8	0	6
x				3
<hr/>				
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

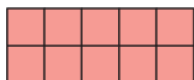
2. Observe how these objects are measured with a ruler. Then, determine the length of each object. (Notice how these objects are measured with a ruler. And determine the length of each object)



- A. The draft is _____ cm long.
 B. The pencil is _____ cm long.
 C. The scissors are _____ cm long.

3. What is the area of each figure? (What is the area of each figure?)

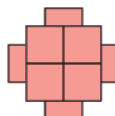
a)



A

Área de A = u^2

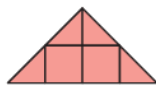
b)



B

Área de B = u^2

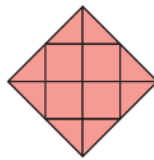
c)



C

Área de C = u^2

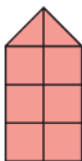
d)



D

Área de D = u^2

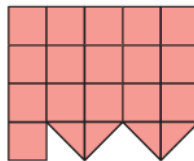
e)



E

Área de E = u^2

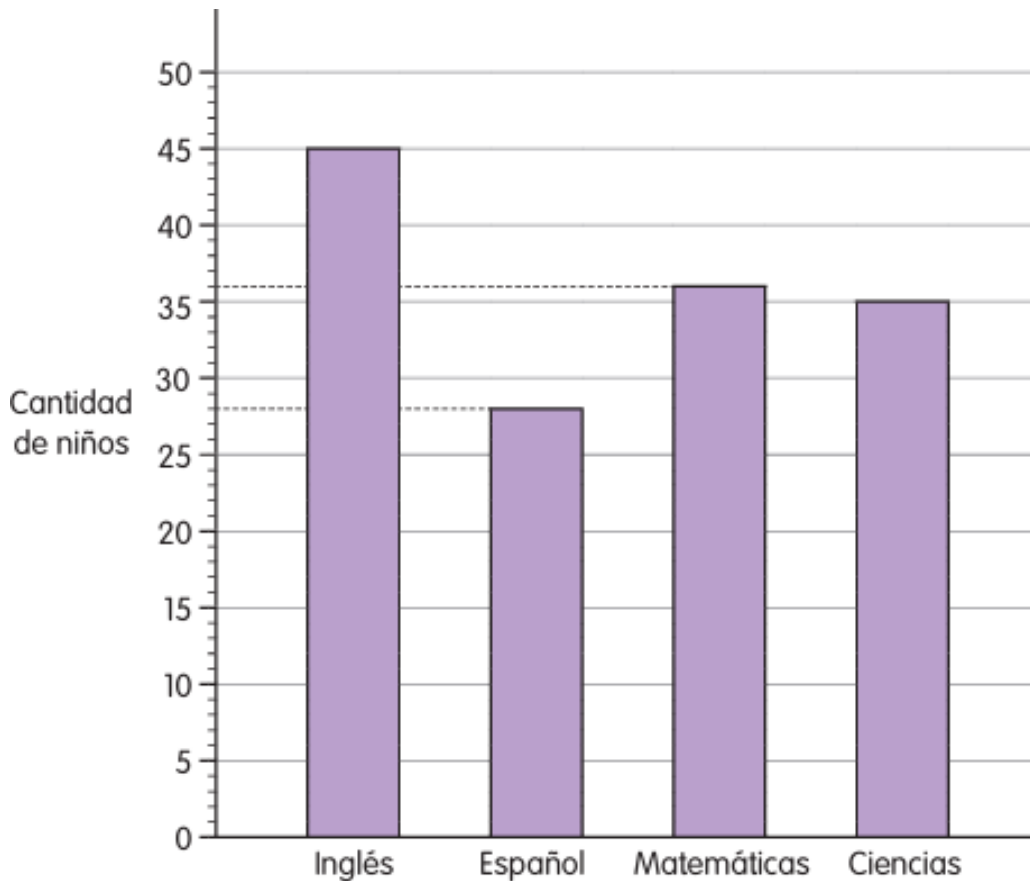
f)



F

Área de F = u^2

In the following graph, you can see the favorite subject of the children in class 201 at Naciones Unidas School. (The following graph shows the favorite subject of the children of the 201st grade of the United Nations school.



4. Answer the following questions. (Answer the following questions)

- A. How many children like English the most? _____.
- B. How many children like Mathematics the most? _____.
- C. How many **fewer** children prefer Spanish than English? _____.
- D. How many **more** children prefer English than Science? _____.
- E. What is the preferred subject? _____.
- F. Can you give a possible explanation for this? _____.

5. Observe the Earth Day schedule. (Look at the Earth Day schedule)

Hora	Evento
3:00 p.m.	Carnaval y juegos
4:00 p.m.	Galería de obras con objetos reciclados
4:30 p.m.	Discurso para la conservación del medio ambiente
5:15 p.m.	Concierto en la plaza central
6:20 p.m.	Video <i>Bosques naturales de Colombia</i>
6:40 p.m.	Recorrido en bicicleta por avenida principal
8:30 p.m.	Juegos pirotécnicos en el parque municipal



a) ¿Hacia dónde deben apuntar el horario y el minuterero?



B. At 4:00 p.m. the carnival and games end. What event starts half an hour later?

_____.

C. What event lasts half an hour? _____.

6. Solve the following problems. (Resolves the following problems.)

A. Juana has 6 cupcakes. She gives 2 cupcakes to each of her friends. How many friends do you give cupcakes to?



Diana distributes her 6 cupcakes entre _____ her friends.

B. In a fruit shop they have 632 oranges. If you pack 4 oranges in one bag, how many bags are used?

In the greengrocer's they use _____ bags

5. Read carefully. (Read carefully)

In a clothing store, the following garments are offered, in different colors.



Observe the purchases made by each person. (Look at the purchases each person made.)



Jorge



Felipe



Mario

7. How much did each one pay for their respective purchases? (How much did each one pay for their respective purchases?)

JORGE	PHILIP	MARIO

Write the fraction that corresponds to the colored part. (Write the fraction that corresponds to the colored part.)

