



UNITED NATIONS COLLEGE I.E.D.
PREPARATORY WORKSHOP
III TRIMESTER - 2024
MATHEMATICS 401°

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

DELIVERY DATE: November 12th

SOLVE:

1. Three packages have 5 cookies each. The amount of cookies there are in total is it can express as

- A. 5
- B. $5+5+5$
- C. $3+5$
- D. $3+3+3$

2. By clicking on the calculator



The same result is obtained as if pressing

- A.
- B.
- C.
- D.

3. From Monday to Thursday, Valeria deposits 3 coins daily in her piggy bank. How many coins have deposited Valeria during these 4 days?

- A. 3
- B. 4
- C. 7
- D. 12

4. Some supermarket products are covered with stickers such as the following:

- it means \$2,000 discount
- it means \$1,000 discount
- it means \$500 discount
- it means \$200 discount

In the supermarket, this product



it has a discount of

- A. Two thousand pesos.
- B. a thousand pesos.
- C. five hundred pesos.
- D. two hundred pesos.

5. In a fast food establishment they sell these combos:

Combo 1 Hamburger and soda	Combo 2 Hot dog and gasewa	Combo 3 Pie and soda	Combo 4 Potatoes and soda
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Daniel wants a pie and a soda. Which combo should you order?

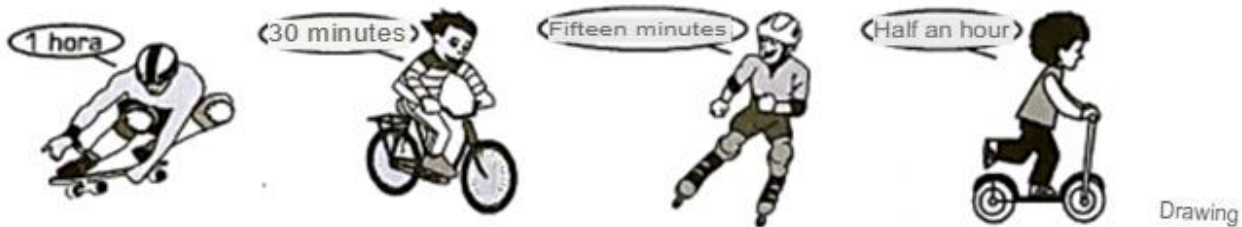
- A. The 1
- B. The 2
- C. The 3
- D. E 4.

6. Diana had 5 sweets and Peter had 3. Then Roberto gave 2 sweets to each one.

Which of the following statements is correct?

- A. Those who had more sweets still have more.
- B. Now the two have less sweets than before.
- C. Now they both have the same amount of sweets.
- D. The one who had more sweets, now has less.**

7. The time it takes four friends to get from their house to the park is shown in the drawing.



Who takes the same time?



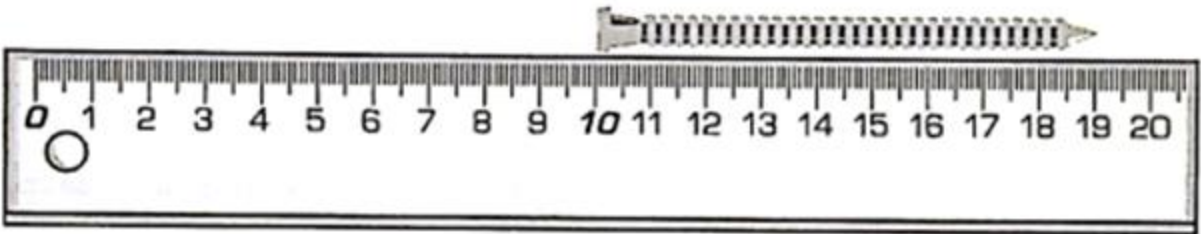
10.

I need a 100 millimeter screw!

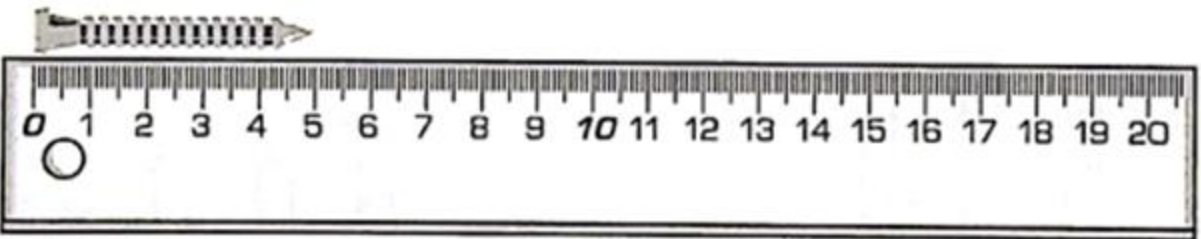


Which of these screws is good for the mechanic?

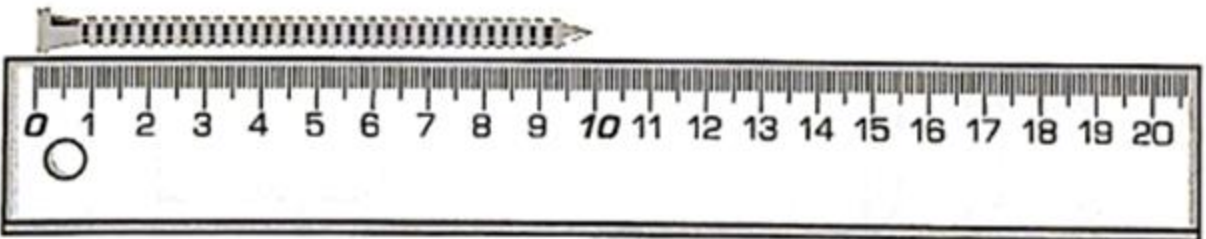
A.



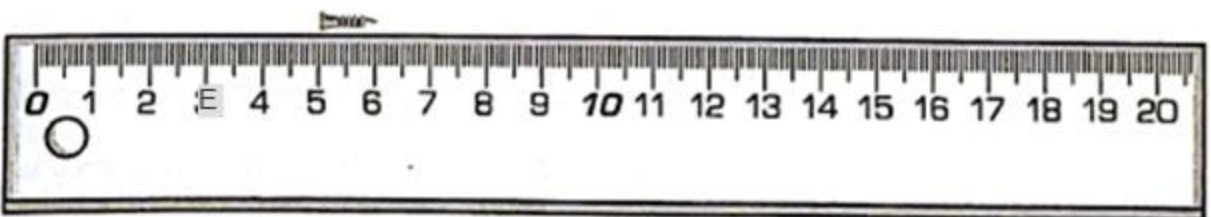
B.



C.



D.



15. Rosana asked her friends how many siblings they had and got the following data:

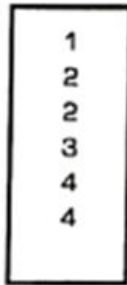
0, 4, 4, 2, 2, 1, 3

The list showing the data obtained by Rosana, ordered from lowest to highest, is

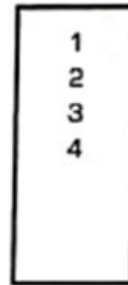
A.



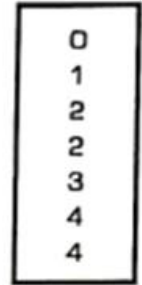
B.



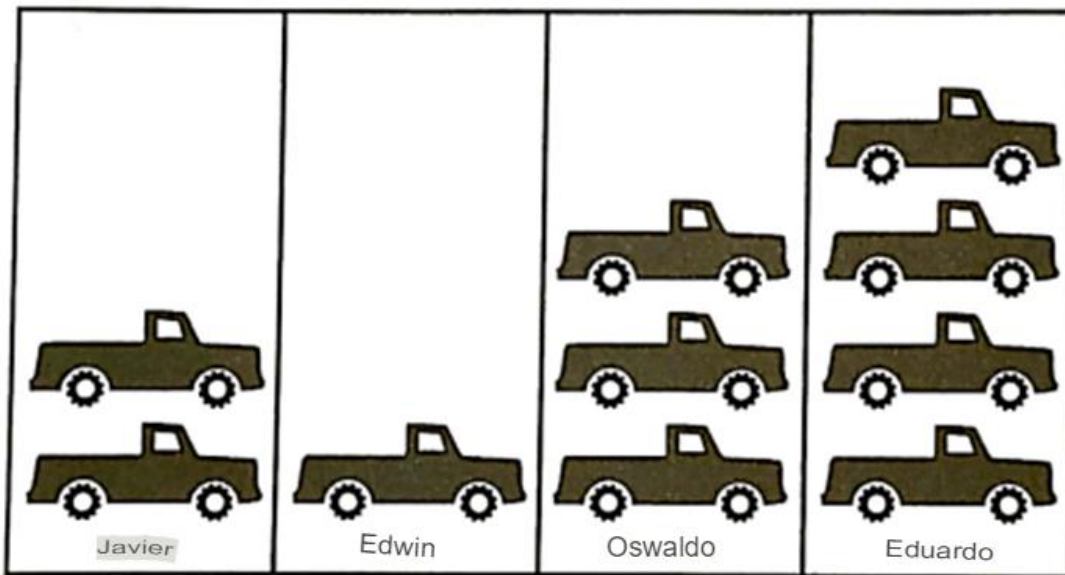
C.



D.



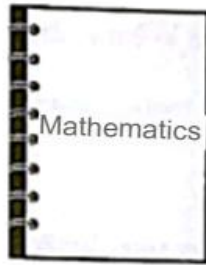
16. Look at the number of strollers that four children have.



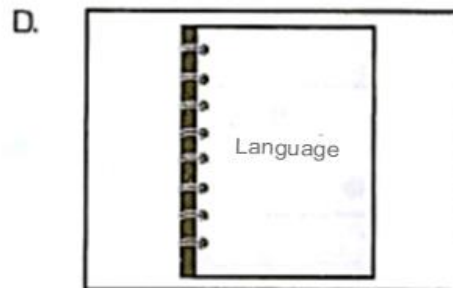
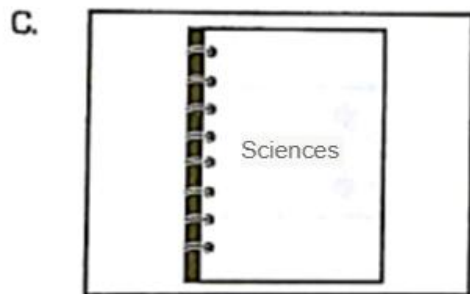
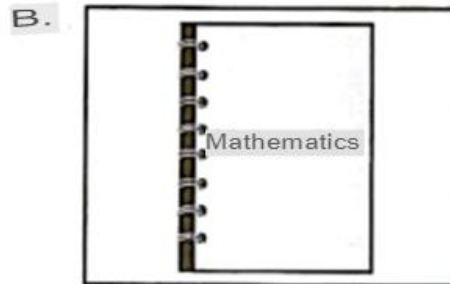
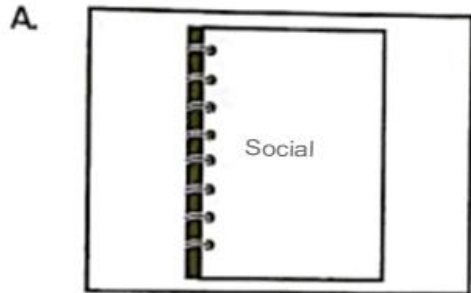
Who has the fewest carts?

- A. Javier.
- B. Edwin.
- C. Oswaldo.
- D. Eduardo.

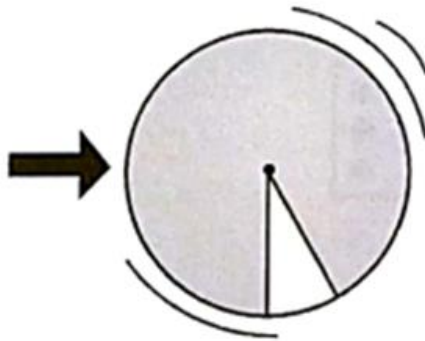
17. Nicolas has these notebooks in his suitcase.



He took out a notebook without looking. What can't be the notebook he took out?



18. In a drawing, a roulette wheel is turned. If the arrow points to the white area when stopping, the person wins a prize.



For a person to win a prize by spinning the roulette wheel is

- A. Impossible.
- B. not very possible.
- C. very possible.
- D. sure.

BLOCK 1 30 Booklet 1

19. Ten children in a group voted for the colour they wanted for their athletics team uniform. the...

The most voted color will be that of the T-shirt and the second most voted, that of the shorts.

These were the results:

Blue, red, black, blue, green, blue, grey, white, white, yellow.

The colors of the T-shirt and pants should be

- A. blue and white.
- B. blue and red.
- C. Black and white.
- D. gray and yellow.

20. These are the scores obtained by Mario, by throwing a die several times.

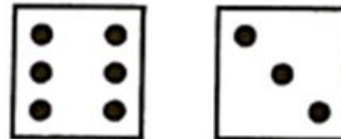


What are the two scores you got the most?

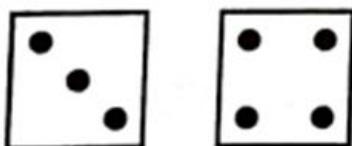
A.



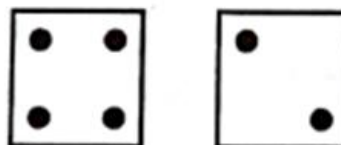
B.



C.

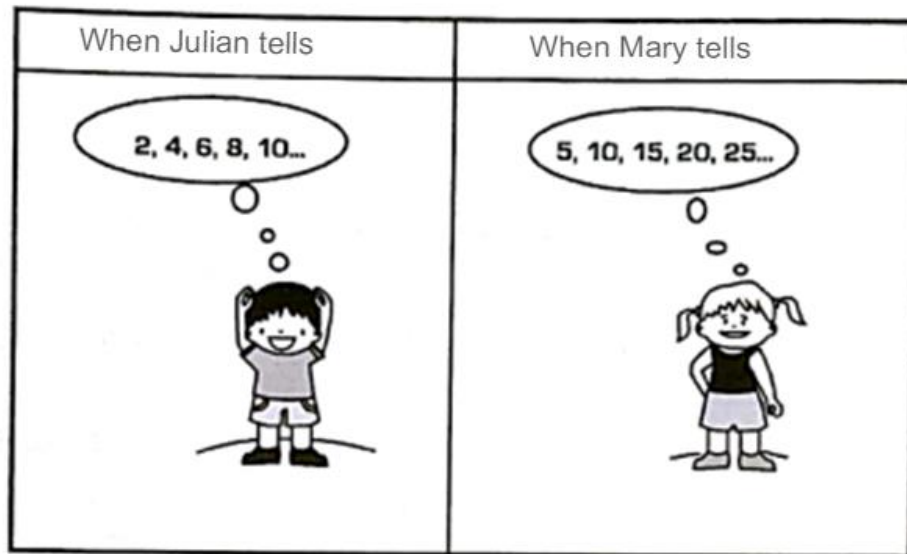


D.



23. Maria and Julian are playing hide and seek; they must both count to 50. When Julian, he does it 2 by 2 and when Maria counts, he does it 5 by 5.

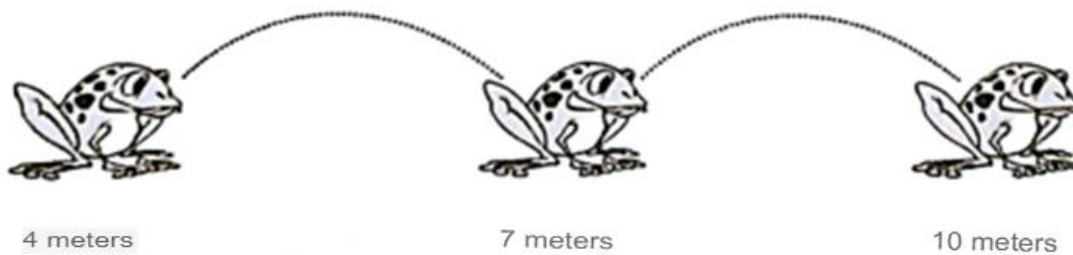
account



About the numbers of each set that Maria and Julian count, it is correct to state that

- A. They both count exactly the same numbers.
- B. No number that Julian counts, Mary counts.
- C. Maria counts more numbers than Julian.
- D. Julian counts more numbers than Maria.

24. Watch the jumps that the frog makes.



How many meters does the frog advance in each jump?

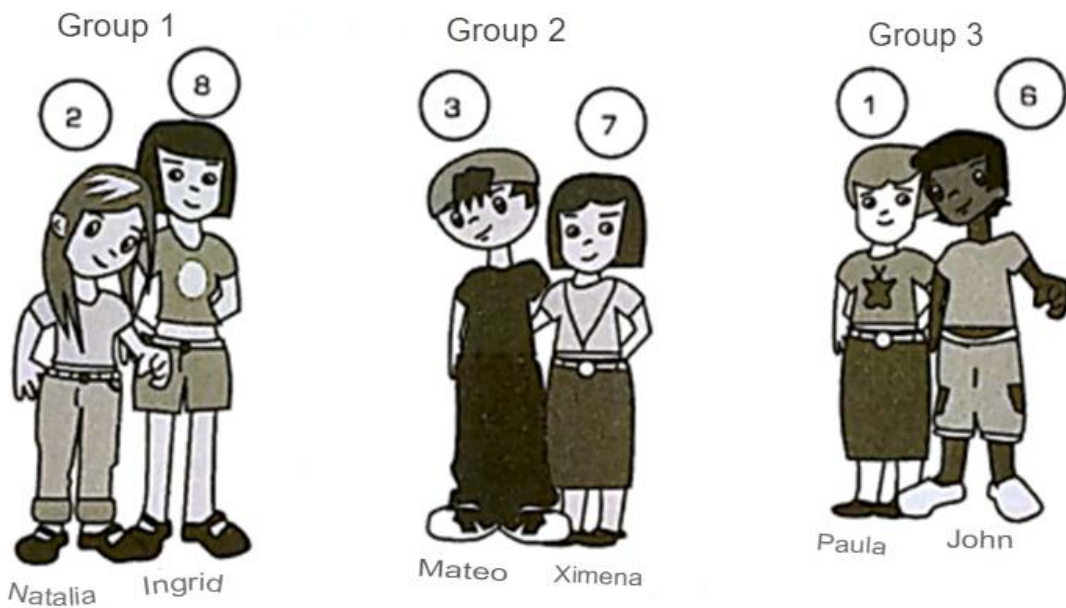
- A. 3 meters.
- B. 4 meters.
- C. 10 meters.
- D. 13 meters.

25. In one sports school, there were 45 enrolled last year. There are 69 this year. That means that of the last year to this

- A. 14 people withdrew.
- B. 14 more people signed up.
- C. 24 people were withdrawn.
- D. 24 more people signed up.

26. In a game, each player takes a tile with a number and looks for a partner with another tile. Yes the numbers add up to 10, the group wins.

These are the groups that were formed with their respective tokens.



Which group(s) won?

- A. Group 1 only.
- B. Group 2 only.
- C. Groups 1 and 2, only.
- D. The 3 groups.

7. Carlos' party was initially attended by 25 people, then 13 more people arrived. How many people in total attended the party?

How many

- A. 12
- B. 13
- C. 25
- D. 38