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

DELIVERY DATE: JULY 16th

NOTE: Perform operations in the notebook.

➢ Read the contents of each bag and answer:

BAG 1   BAG 2   BAG 3

- Bag 1: 1.3 kg of tomato, 2.25 kg of onion, 4, 125 kg of potato and 0.75 kg of cassava.
- Bag 2: 4.5 kg of onion, 2.75 kg of tomato and 3.25 kg of potato.
- Bag 3: 3.75 kg of cassava, 2.125 kg of potato, 0.5 kg of onion and 3.40 kg of tomato.

1. What is the weight of bags 1 and 3?

2. What is the weight of bags 2 and 3?

3. What is the difference between the heaviest bag and the lightest one?

4. What is the heaviest bag?

➢ In a gymnastics competition, Daniela has 17,829 points and Lina has 17,843. If in the following exercise Daniela obtains 9.9 points and Lina 9.72,

5. What is the difference in points between the two gymnasts now?

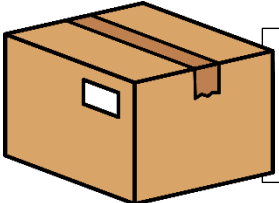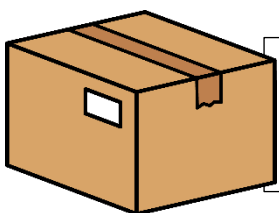6. How many total points did each of the gymnasts score?

➢ Observe the route that Pilar takes every day, then answer the questions:

Gym
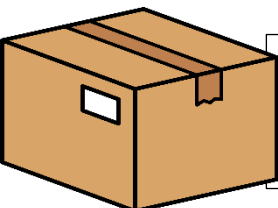
2,37 km

2,49 km

House

Workplace

4,05 km
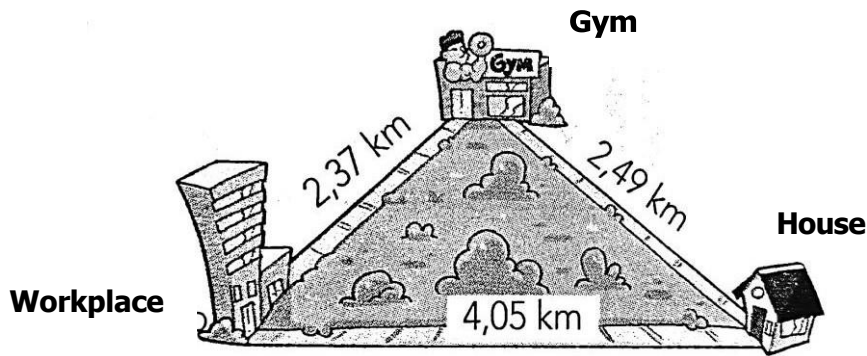
7. How many kilometers does Pilar save if she goes directly home without going to the gym?

8. How many kilometers does Pilar have to travel to get home on Tuesdays when she goes to the gym after work?

9. In what units are distances expressed on the map?

10. Add a distance for your Thursday trip to the library and locate it on the map.

11. How far should you travel on Thursdays when you leave work to the library?

➢ Look at each box and calculate its weight

12.

Capacity: 1,000 envelopes
Weight of each envelope:
0.75 g.

13.

Capacity: 100 clips
Weight of each clip: 0.063g.
Clips weight: _____

14 .

Capacity: 10 spheres
Weight of each ball: 3.83 g.
Ball weight: _____

➢ Read, solve and complete.

In a competition, Ana María traveled 362.4 m in 6 laps, Juan traveled 45.2 m in 5 laps, Camila 8.8 m in 4 laps and Federico traveled 13.56 m in 4 laps.

15. How many meters did Ana María and Camila travel for each lap?

16. Who made the longest lap?

17. organize the leaderboard according to the distance traveled

COMPETITOR	ROUTE

18 In the recycling campaign, 318 kg of paper were collected. If the paper must be packed in 12 boxes with the same number of kilos in each one, how many kilos should each box contain?

20 Circle the number corresponding to each card

Three comman forty-five thousandths	Fifty-two comman twelve hundredths	Thirty-nine comman six tenths
• 3,45 • 3,045 • 3,450	• 52,12 • 52,012 • 52,120	• 39,6 • 39,06 • 39,006

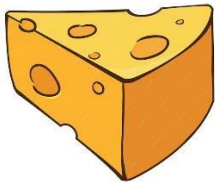➢ Write the name of each decimal fraction:
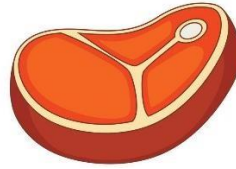
21. 3/10

22. 21/100

23. 123/1,000

> Look at the labels of each product, then answer.

| Weight: 1,750 | Weight: 0.850 | Weight: 1,250 | Weight: 0.855 |

24. Organize products according to weight from highest to lowest

25. To prepare sandwiches, Sara should use the same amount of cheese and ham. According to the data, what should she buy and in what quantity?

26. If Pepe has 20 guests for lunch and each one consumes 1 chop and 1 chorizo, how many kilos should he buy of each?

> Look at the image, then answer

28,34 cm

31,097 cm

50,4 cm
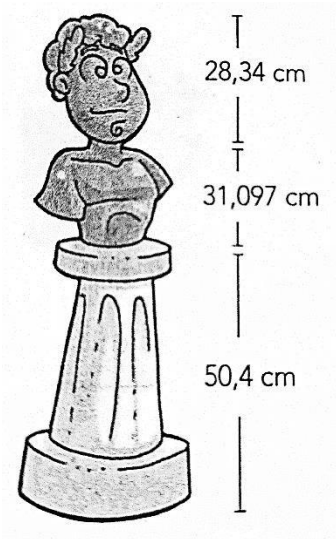
27. What is the height of the bust?

28. How long is the structure in total?

> Mario is the owner of a dairy company that has several vehicles. One of these trucks travels 675.43 kilometers.

29. How many kilometers will he have traveled in total after 6 weeks?

30. How many kilometers does the truck travel per day?