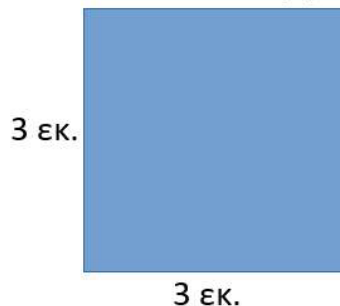


## 2<sup>ος</sup> Σύντομος έλεγχος γνώσεων στα Μαθηματικά

(1) Ποιο είναι το εμβαδόν του παρακάτω τετραγώνου;



- (α) 9 τ.εκ.                      (β) 6 τ.εκ.                      (γ) 12 τ.εκ.                      (δ) Δεν γνωρίζω

(2) Με τι ισούται η δύναμη  $4^3$ ;

- (α) 12                      (β) 16                      (γ) 64                      (δ) Δεν γνωρίζω

(3) Δίνεται η ακολουθία των αριθμών 9, 13, 17, 21, x, 29, ποιος είναι ο αριθμός x που λείπει;

- (α) 23                      (β) 24                      (γ) 25                      (δ) Δεν γνωρίζω

(4) Αντιστοιχίσετε το μαθηματικό σύμβολο της 1<sup>ης</sup> στήλης με την αντίστοιχη έκφραση της 2<sup>ης</sup> στήλης του παρακάτω πίνακα:

| 1 <sup>η</sup> ΣΤΗΛΗ | 2 <sup>η</sup> ΣΤΗΛΗ |
|----------------------|----------------------|
| $\div$ ή :           | αφαίρεση             |
| +                    | διαίρεση             |
| -                    | πολλαπλασιασμός      |
| $\times$ ή •         | πρόσθεση             |

(5) Με πόσα χιλιοστά (mm) ισούται 1 εκατοστό (cm);

- (α) 10 mm                      (β) 100 mm                      (γ) 1.000 mm                      (δ) Δεν γνωρίζω

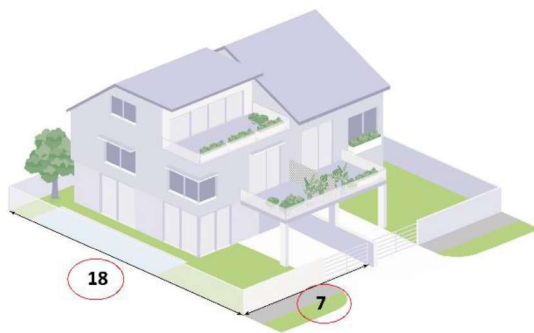
(6) Με πόσα μέτρα (m) ισούται 1 χιλιόμετρο (km);

- (α) 1 m                      (β) 10 m                      (γ) 1.000 m                      (δ) Δεν γνωρίζω

(7) Αν έχω 9,38 € και αγοράσω ένα κέικ που κοστίζει 3,67 €, πόσα χρήματα θα μου περισσέψουν;

- (α) 6,71 €                      (β) 5,71 €                      (γ) 5,31 €                      (δ) Δεν γνωρίζω

(8) Σε ποια μονάδα μέτρησης μήκους αναφέρονται πιθανότατα οι τιμές στο αληθινό σπίτι (όχι μακέτα) της παρακάτω εικόνας;



- (α) Χιλιοστά (mm)    (β) Εκατοστά (cm)    (γ) Μέτρα (m)    (δ) Δεν γνωρίζω

(9) Με τι ισούται το γινόμενο  $234,56 \cdot 10$  ( $234,56 \cdot 10$ );

- (α) 234.560    (β) 2345,6    (γ) 23,456    (δ) Δεν γνωρίζω

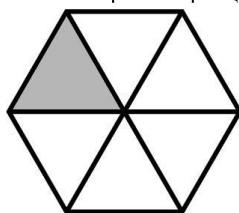
(10) Γράψτε πώς διαβάζεται καθένας από τους παρακάτω αριθμούς:

15820 .....  
110754 .....

(11) Γράψτε με ψηφία τους παρακάτω αριθμούς

Τριάντα χιλιάδες πέντε .....  
Εκατόν δώδεκα .....

(12) Γράψτε το κλάσμα που εκφράζει το σκιασμένο μέρος του παρακάτω εξαγώνου;



- (α)  $\frac{1}{4}$     (β)  $\frac{1}{6}$     (γ)  $\frac{1}{5}$     (δ) Δεν γνωρίζω

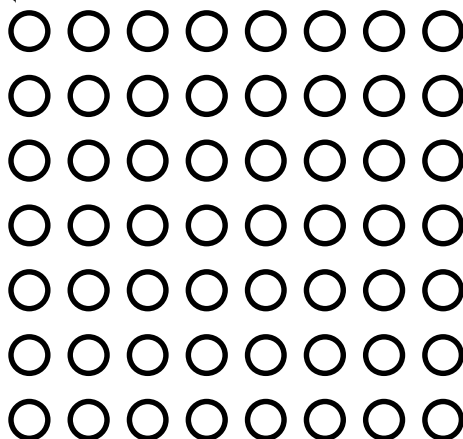
(13) Πόσες χώρες πούλησαν περισσότερα χάμπουργκερ από πίτσες;

| Χώρες      | Χάμπουργκερ | Πίτσα | Σύνολο |
|------------|-------------|-------|--------|
| Πορτογαλία | 120         | 93    | 213    |
| Ισπανία    | 88          | 215   | 303    |
| Τουρκία    | 97          | 88    | 185    |
| Ελλάδα     | 198         | 203   | 401    |

|          |     |     |     |
|----------|-----|-----|-----|
| Ρουμανία | 152 | 109 | 261 |
| Ιταλία   | 288 | 100 | 388 |

- (α) 2                      (β) 3                      (γ) 4                      (δ) Δεν γνωρίζω

(14) Πόσοι κύκλοι υπάρχουν παρακάτω;

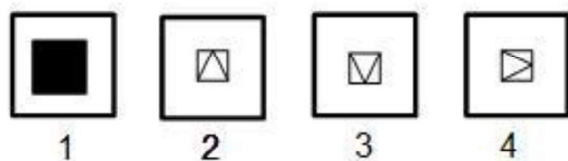
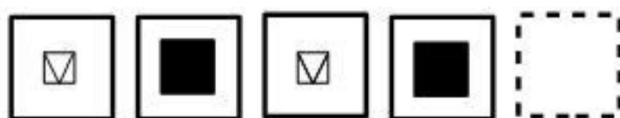


- (α) 70                      (β) 64                      (γ) 56                      (δ) Δεν γνωρίζω

(15) Εάν ένα άτομο χρειάζεται 2 ώρες για να περπατήσει 20 χιλιόμετρα, ποιος είναι ο μέσος χρόνος για να περπατήσει το ίδιο άτομο 1 χιλιόμετρο;

- (α) 6 λεπτά                      (β) 1 ώρα                      (γ) 30 λεπτά                      (δ) Δεν γνωρίζω

(16) Επιλέξτε ένα από τα 4 αριθμημένα σχήματα της δεύτερης γραμμής σχημάτων που ολοκληρώνει την ακολουθία σχημάτων της πρώτης γραμμής σχημάτων:



(17) Οδικώς η απόσταση του Άμστερνταμ από το Παρίσι είναι περίπου 500 χιλιόμετρα. Εάν οδηγείτε με 100 χιλιόμετρα την ώρα, πόσος χρόνος χρειάζεται για το ταξίδι;

- (α) 5 ώρες                      (β) 3 ώρες                      (γ) 120 λεπτά                      (δ) Δεν γνωρίζω

(18) Τι ώρα τελειώνει μια ταινία που ξεκινά στις 6:30 μ.μ. και έχει διάρκεια 145 λεπτών;

- (α) 8:55 μ.μ.                      (β) 9:55 μ.μ.                      (γ) 8:50 μ.μ.                      (δ) Δεν γνωρίζω

(19) Γράψτε την ώρα για κάθε ένα από τα παρακάτω αναλογικά ρολόγια.



Ρολόι 1



Ρολόι 2



Ρολόι 3

Ρολόι 1: \_\_\_\_\_  
Ρολόι 2: \_\_\_\_\_  
Ρολόι 3: \_\_\_\_\_

(20) Συμπληρώστε τα κενά χρησιμοποιώντας τα μαθηματικά σύμβολα  $<$ ,  $>$ ,  $=$

|         |       |          |
|---------|-------|----------|
| 13,01   | _____ | 13,009   |
| 1200γρ  | _____ | 13 κιλά  |
| 500μ    | _____ | 0,1χλμ   |
| 1,5 ώρα | _____ | 90 λεπτά |

(21) Ποιο από τα παρακάτω εκφράζει μεγαλύτερο ποσό;

- (α) Μισό                      (β) Ένα τέταρτο                      (γ) 75%                      (δ) Δεν γνωρίζω

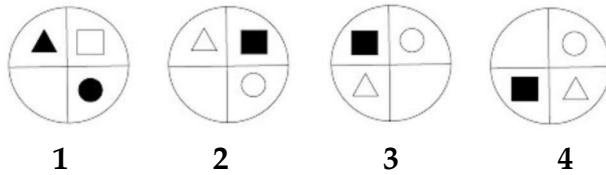
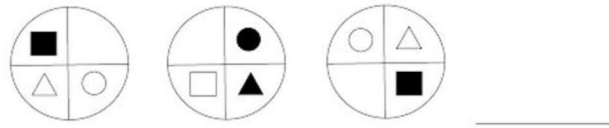
(22) Πως διαβάζεται ο αριθμός 0,5;

- (α) Μισό                      (β) Πενήντα                      (γ) Πέντε                      (δ) Δεν γνωρίζω

(23) Πόσα γραμμάρια ζάχαρης χρειάζονται για να φτιάξετε μια συνταγή κέικ που απαιτεί 1 και  $\frac{1}{2}$  φλιτζάνια ζάχαρη εάν κάθε φλιτζάνι είναι 125 γραμμάρια;

- (α) 150 γραμμάρια                      (β) 156,5 γραμμάρια                      (γ) 187,5 γραμμάρια                      (δ) Δεν γνωρίζω

**(24)** Επιλέξτε ένα από τα 4 αριθμημένα σχήματα της δεύτερης γραμμής σχημάτων που ολοκληρώνει την ακολουθία σχημάτων της πρώτης γραμμής σχημάτων:



Δεν γνωρίζω

5



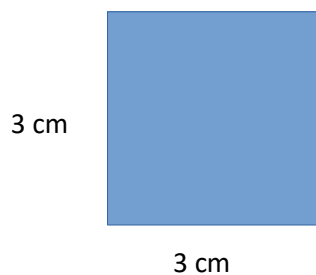
## SCREENING TEST № 2

The project Everything Starts with Maths aims to screen learning difficulties in mathematics.

Your participation will help the consortium to develop new strategies to improve the learning system.

1

### 1. What is the area of this square?



|                     |                     |                      |                    |
|---------------------|---------------------|----------------------|--------------------|
| a) $9 \text{ cm}^2$ | b) $6 \text{ cm}^2$ | c) $12 \text{ cm}^2$ | d) I have no idea. |
|---------------------|---------------------|----------------------|--------------------|

### 2. What is the result of $4^3$ (in other words, raising 4 to the power of 3)?

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 12 | b) 16 | c) 64 | d) I have no idea. |
|-------|-------|-------|--------------------|

### 3. Given the sequence of “9, 13, 17, 21, A, 29”, what is the missing number A?

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 23 | b) 24 | c) 25 | d) I have no idea. |
|-------|-------|-------|--------------------|



**4. Match each mathematical symbol with the corresponding operation.**

|        |                |
|--------|----------------|
| ÷ or : | subtraction    |
| +      | division       |
| -      | multiplication |
| x      | addition       |

2

**5. How many milimeters (mm) are there in 1 centimeter (cm)?**

|        |         |           |                    |
|--------|---------|-----------|--------------------|
| a) 1mm | b) 10mm | c) 1000mm | d) I have no idea. |
|--------|---------|-----------|--------------------|

**6. How many meters (m) are there in 1 kilometer (km)?**

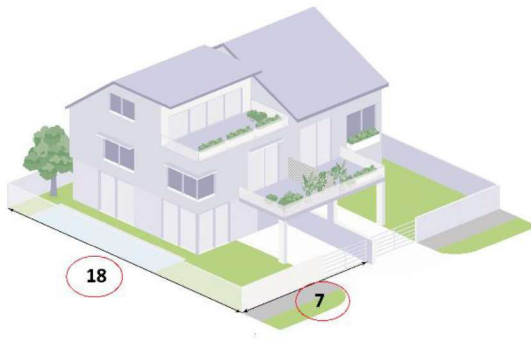
|       |        |          |                    |
|-------|--------|----------|--------------------|
| a) 1m | b) 10m | c) 1000m | d) I have no idea. |
|-------|--------|----------|--------------------|

**7. I have 9,38€ in my pocket. I bought a cake which costs 3,67€. How much money have I got left?**

|          |          |          |                    |
|----------|----------|----------|--------------------|
| a) 6,71€ | b) 5,71€ | c) 5,31€ | d) I have no idea. |
|----------|----------|----------|--------------------|



**8. Which unit of measurement do the values on the house most likely refer to?**



3

|                   |                    |              |                    |
|-------------------|--------------------|--------------|--------------------|
| a) Milimeter (mm) | b) Centimeter (cm) | c) Meter (m) | d) I have no idea. |
|-------------------|--------------------|--------------|--------------------|

**9. If you multiply 234,56 by 10 what is the result?**

|            |           |           |                    |
|------------|-----------|-----------|--------------------|
| a) 234,560 | b) 2345,6 | c) 23,456 | d) I have no idea. |
|------------|-----------|-----------|--------------------|

**10. Write the following numbers in letters:**

|        |  |
|--------|--|
| 15820  |  |
| 110754 |  |

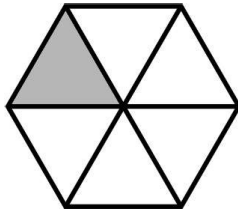
**11. Write the following in numbers:**

|                          |  |
|--------------------------|--|
| Thirty thousand and five |  |
| One hundred and twelve   |  |





12. What does the shaded part of this hexagon represent?



4

|                |              |              |                    |
|----------------|--------------|--------------|--------------------|
| a) One quarter | b) One sixth | c) One fifth | d) I have no idea. |
|----------------|--------------|--------------|--------------------|

13. How many countries sold more hamburgers than pizzas?

| Countries | Hamburger | Pizza | Total |
|-----------|-----------|-------|-------|
| Portugal  | 120       | 93    | 213   |
| Spain     | 88        | 215   | 303   |
| Türkiye   | 97        | 88    | 185   |
| Greece    | 198       | 203   | 401   |
| Romania   | 152       | 109   | 261   |
| Italy     | 288       | 100   | 388   |

|      |      |      |      |                   |
|------|------|------|------|-------------------|
| a) 2 | b) 3 | c) 4 | d) 5 | e) I have no idea |
|------|------|------|------|-------------------|

14. How many circles are there in the figure given below?

O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 70 | b) 64 | c) 56 | d) I have no idea. |
|-------|-------|-------|--------------------|

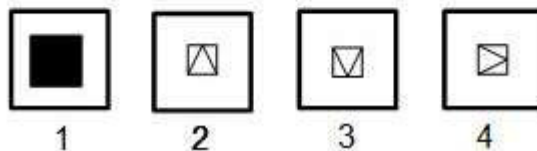


**15. If a healthy person takes 2 hours to walk 20 kilometers, what is the average time to walk 1 kilometer?**

|                |             |                   |                    |
|----------------|-------------|-------------------|--------------------|
| a) Six minutes | b) One hour | c) Thirty minutes | d) I have no idea. |
|----------------|-------------|-------------------|--------------------|

5

**16. Choose the figure that completes the sequence**



**17. It takes approximately 500 km from Amsterdam to Paris. If you are driving 100 kilometers an hour, how long does it take to complete the journey?**

|               |                |                |                    |
|---------------|----------------|----------------|--------------------|
| a) Five hours | b) Three hours | c) 120 minutes | d) I have no idea. |
|---------------|----------------|----------------|--------------------|

**18. At what time does a movie that starts at 6:30 PM and lasts for 145 minutes end?**

|            |            |            |                    |
|------------|------------|------------|--------------------|
| a) 8:55 PM | b) 9:55 AM | c) 8:50 PM | d) I have no idea. |
|------------|------------|------------|--------------------|



19. Write the time for each clock.



Clock 1



Clock 2



Clock 3

Clock 1:

Clock 2:

Clock 3:

20. Complete the spaces using mathematical symbols  $<$ ,  $>$ ,  $=$

|       |        |
|-------|--------|
| 13,01 | 13,009 |
| 1200g | 13kg   |
| 500m  | 0,1km  |
| 1,5h  | 90min  |

21. Which option is the greatest?

|         |                |        |                    |
|---------|----------------|--------|--------------------|
| a) Half | b) One quarter | c) 75% | d) I have no idea. |
|---------|----------------|--------|--------------------|

22. How do you read 0,5?

|         |          |         |                    |
|---------|----------|---------|--------------------|
| a) Half | b) fifty | c) five | d) I have no idea. |
|---------|----------|---------|--------------------|

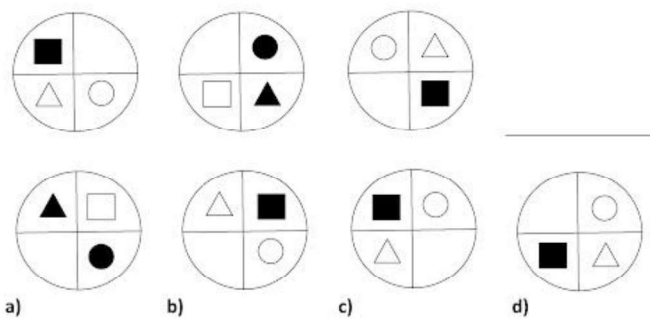


**23. How many grams of sugar are needed to make a cake recipe that requires 1 and 1/2 cups of sugar if each cup is 125g?**

|         |           |           |                    |
|---------|-----------|-----------|--------------------|
| a) 150g | b) 156,5g | c) 187,5g | d) I have no idea. |
|---------|-----------|-----------|--------------------|

7

**24. Choose the image that completes the sequence**



e) I have no idea

Thank you very much for your cooperation! 😊



Co-funded by  
the European Union

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

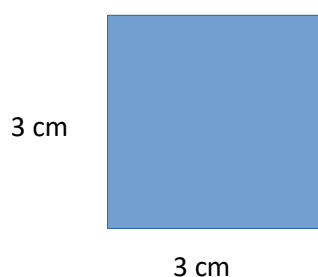


## SCREENING TEST N° 2

Il progetto Everything Starts with Maths ha l'obiettivo di individuare eventuali difficoltà nella matematica. La tua partecipazione ci aiuterà nello sviluppo di nuove strategie per migliorarne l'apprendimento.

1

### 1. Quanto misura l'area del quadrato in figura?



|                     |                     |                      |                    |
|---------------------|---------------------|----------------------|--------------------|
| a) $9 \text{ cm}^2$ | b) $6 \text{ cm}^2$ | c) $12 \text{ cm}^2$ | d) Non ne ho idea. |
|---------------------|---------------------|----------------------|--------------------|

### 2. Quanto fa $4^3$ (in altre parole, 4 elevato alla potenza di 3)?

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 12 | b) 16 | c) 64 | d) Non ne ho idea. |
|-------|-------|-------|--------------------|

### 3. In questa sequenza: "9, 13, 17, 21, A, 29", quanto vale il numero A?

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 23 | b) 24 | c) 25 | d) Non ne ho idea. |
|-------|-------|-------|--------------------|



**4. Indica per ogni simbolo la sua operazione corrispondente.**

|        |                 |
|--------|-----------------|
| ÷ or : | sottrazione     |
| +      | divisione       |
| -      | moltiplicazione |
| x      | addizione       |

2

**5. Quanti millimetri (mm) ci sono in 1 centimetro (cm)?**

|        |          |           |                    |
|--------|----------|-----------|--------------------|
| a) 1mm | b) 100mm | c) 1000mm | d) Non ne ho idea. |
|--------|----------|-----------|--------------------|

**6. Quanti metri (m) ci sono in un 1 chilometro (km)?**

|       |        |          |                    |
|-------|--------|----------|--------------------|
| a) 1m | b) 10m | c) 1000m | d) Non ne ho idea. |
|-------|--------|----------|--------------------|

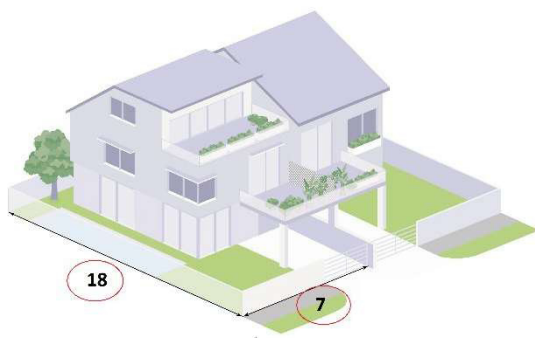
**7. Se hai 9,38€ in tasca e compri un dolce che costa 3,67€. Quanti soldi ti rimangono?**

|          |          |          |                    |
|----------|----------|----------|--------------------|
| a) 6,71€ | b) 5,71€ | c) 5,31€ | d) Non ne ho idea. |
|----------|----------|----------|--------------------|





8. Quale unità di misura, secondo te, vanno attribuiti ai valori che nella figura sotto si riferiscono alle dimensioni della casa?



3

|                   |                    |              |                    |
|-------------------|--------------------|--------------|--------------------|
| a) Milimetri (mm) | b) Centimetri (cm) | c) Metri (m) | d) Non ne ho idea. |
|-------------------|--------------------|--------------|--------------------|

9. Se moltiplichi 234,56 per 10, quale è il risultato?

|            |           |           |                    |
|------------|-----------|-----------|--------------------|
| a) 234,560 | b) 2345,6 | c) 23,456 | d) Non ne ho idea. |
|------------|-----------|-----------|--------------------|

10. Scrivi i seguenti numeri in lettere:

|        |  |
|--------|--|
| 15820  |  |
| 110754 |  |

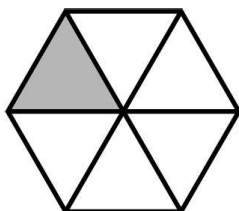
11. Scrivi i seguenti numeri in cifre:

|                          |  |
|--------------------------|--|
| Thirty thousand and five |  |
| One hundred and twelve   |  |





12. Quale dell'esagono rappresenta la parte colorata?



4

|              |             |              |                    |
|--------------|-------------|--------------|--------------------|
| a) Un quarto | b) Un sesto | c) Un quinto | d) Non ne ho idea. |
|--------------|-------------|--------------|--------------------|

13. In quanti paesi si sono venduti più hamburgers che pizza?

| Paese      | Hamburger | Pizza | Totale |
|------------|-----------|-------|--------|
| Portogallo | 120       | 93    | 213    |
| Spagna     | 88        | 215   | 303    |
| Turchia    | 97        | 88    | 185    |
| Grecia     | 198       | 203   | 401    |
| Romania    | 152       | 109   | 261    |
| Italia     | 288       | 100   | 388    |

|      |      |      |      |                    |
|------|------|------|------|--------------------|
| a) 2 | b) 3 | c) 4 | d) 5 | e) Non ne ho idea. |
|------|------|------|------|--------------------|

14. Quanti cerchi ci sono nella figura sottostante?

O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O  
 O O O O O O O O

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 70 | b) 64 | c) 56 | d) Non ne ho idea. |
|-------|-------|-------|--------------------|



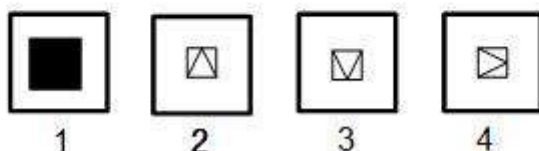
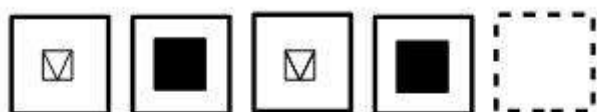


**15. Se una persona in buona salute ci mette 2 ore per percorrere 20 chilometri, quale è la velocità media per percorrere 1 chilometro?**

|               |           |              |                    |
|---------------|-----------|--------------|--------------------|
| a) Sei minuti | b) Un'ora | c) 30 minuti | d) Non ne ho idea. |
|---------------|-----------|--------------|--------------------|

5

**16. Scegli la figura che completa la sequenza**



**17. Ci sono circa 500 km tra Amsterdam e Parigi. Se guidi a una velocità di 100 chilometri all'ora, quanto tempo occorre per completare il viaggio?**

|               |            |               |                    |
|---------------|------------|---------------|--------------------|
| a) Cinque ore | b) Tre ore | c) 120 minuti | d) Non ne ho idea. |
|---------------|------------|---------------|--------------------|

**18. A che ora finisce un film che inizia alle 18.30 e che dura 145 minuti?**

|          |         |          |                    |
|----------|---------|----------|--------------------|
| a) 21:55 | b) 9:55 | c) 20:50 | d) Non ne ho idea. |
|----------|---------|----------|--------------------|

**19. Scrivi l'orario per ogni orologio raffigurato.**



Orologio 1



Orologio 2



Orologio 3

6

Orologio 1:

Orologio 2:

Orologio 3:

20. Completa gli spazi usando i simboli matematici  $<$ ,  $>$ ,  $=$

|       |        |
|-------|--------|
| 13,01 | 13,009 |
| 1200g | 13kg   |
| 500m  | 0,1km  |
| 1,5h  | 90min  |

21. Quale opzione è la più grande?

|          |              |        |                    |
|----------|--------------|--------|--------------------|
| a) Mezzo | b) Un quarto | c) 75% | d) Non ne ho idea. |
|----------|--------------|--------|--------------------|

22. Come si legge 0,5?

|          |              |           |                    |
|----------|--------------|-----------|--------------------|
| a) Mezzo | b) Cinquanta | c) Cinque | d) Non ne ho idea. |
|----------|--------------|-----------|--------------------|



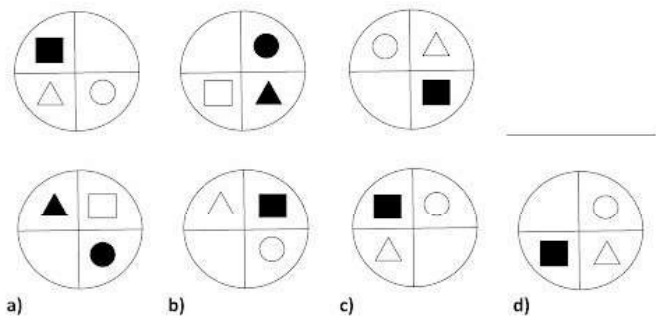


**23. Quanti grammi di zucchero per fare una ricetta per un dolce che richiede 1 tazza e mezzo se ogni tazza contiene 125g?**

|         |           |           |                    |
|---------|-----------|-----------|--------------------|
| a) 150g | b) 156,5g | c) 187,5g | d) Non ne ho idea. |
|---------|-----------|-----------|--------------------|

7

**24. Scegli l'immagine che completa la seguente sequenza**



e) Non ne ho idea.

Molte grazie per la tua collaborazione! 😊



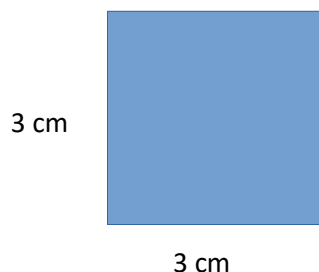
## FICHA DE DIAGNÓSTICO Nº 2

O projecto Everything Starts with Maths (Tudo Começa com a Matemática) tem como objectivo analisar dificuldades de aprendizagem em matemática.

A tua participação irá ajudar o consórcio do projeto a desenvolver novas estratégias para melhorar o sistema de aprendizagem.

1

### 1. Qual é a área deste quadrado?



|                     |                     |                      |                    |
|---------------------|---------------------|----------------------|--------------------|
| a) $9 \text{ cm}^2$ | b) $6 \text{ cm}^2$ | c) $12 \text{ cm}^2$ | d) Não faço ideia. |
|---------------------|---------------------|----------------------|--------------------|

### 2. Qual é o resultado de $4^3$ (ou seja, elevar 4 a 3)?

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 12 | b) 16 | c) 64 | d) Não faço ideia. |
|-------|-------|-------|--------------------|

### 3. Considerando a sequência “9, 13, 17, 21, A, 29”, qual é o valor em falta em A?

|       |       |       |                    |
|-------|-------|-------|--------------------|
| a) 23 | b) 24 | c) 25 | d) Não faço ideia. |
|-------|-------|-------|--------------------|



**4. Associe o símbolo matemático com a operação correspondente.**

|        |               |
|--------|---------------|
| ÷ ou : | Subtração     |
| +      | Divisão       |
| -      | Multiplicação |
| X      | Adição        |

2

**5. Quantos milímetros (mm) existem num 1 centímetro (cm)?**

|        |         |           |                    |
|--------|---------|-----------|--------------------|
| a) 1mm | b) 10mm | c) 1000mm | d) Não faço ideia. |
|--------|---------|-----------|--------------------|

**6. Quantos metros (m) existem num 1 quilómetro (km)?**

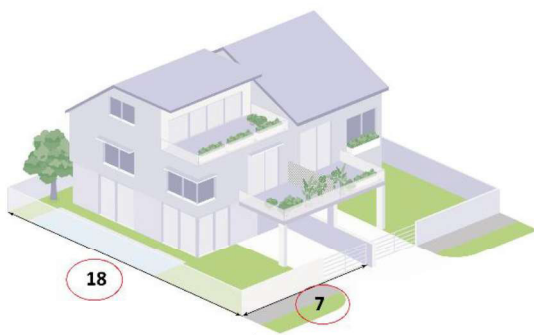
|       |        |          |                    |
|-------|--------|----------|--------------------|
| a) 1m | b) 10m | c) 1000m | d) Não faço ideia. |
|-------|--------|----------|--------------------|

**7. Tenho 9,38€ na minha carteira. Comprei um bolo que custou 3,67€. Quanto dinheiro me sobrou?**

|          |          |          |                    |
|----------|----------|----------|--------------------|
| a) 6,71€ | b) 5,71€ | c) 5,31€ | d) Não faço ideia. |
|----------|----------|----------|--------------------|



8. Que unidade de medida é que os valores desta casa representam?



3

|                    |                     |               |                   |
|--------------------|---------------------|---------------|-------------------|
| a) Milímetros (mm) | b) Centímetros (cm) | c) Metros (m) | d) Não faço ideia |
|--------------------|---------------------|---------------|-------------------|

9. Se multiplicar 234,56 por 10 qual é o resultado?

|            |           |           |                   |
|------------|-----------|-----------|-------------------|
| a) 234,560 | b) 2345,6 | c) 23,456 | d) Não faço ideia |
|------------|-----------|-----------|-------------------|

10. Escreve por extenso os seguintes números:

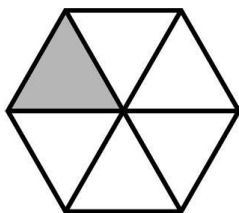
|        |  |
|--------|--|
| 15820  |  |
| 110754 |  |

11. Escreve numericamente os seguintes valores:

|                    |  |
|--------------------|--|
| Trinta mil e cinco |  |
| Cento e doze       |  |



12. Que fração representa a parte sombreada deste hexágono?



4

|              |             |              |                   |
|--------------|-------------|--------------|-------------------|
| a) Um quarto | b) Um sexto | c) Um quinto | d) Não faço ideia |
|--------------|-------------|--------------|-------------------|

13. Quantos países venderam mais hambúrguers do que pizzas?

| Países   | Hambúrguer | Pizza | Total |
|----------|------------|-------|-------|
| Portugal | 120        | 93    | 213   |
| Espanha  | 88         | 215   | 303   |
| Turquia  | 97         | 88    | 185   |
| Grécia   | 198        | 203   | 401   |
| Roménia  | 152        | 109   | 261   |
| Itália   | 288        | 100   | 388   |

|      |      |      |      |                   |
|------|------|------|------|-------------------|
| a) 2 | b) 3 | c) 4 | d) 5 | e) Não faço ideia |
|------|------|------|------|-------------------|

14. Quantos círculos existem na figura representada abaixo?

o o o o o o o O  
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o o o o o o o O

|       |       |       |                   |
|-------|-------|-------|-------------------|
| a) 70 | b) 64 | c) 56 | d) Não faço ideia |
|-------|-------|-------|-------------------|

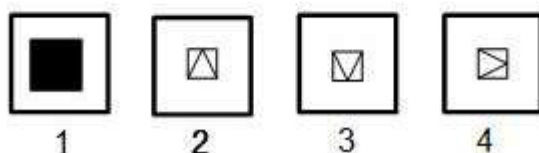


**15. Se uma pessoa saudável demora 2 horas a andar 20 quilómetros, qual é o tempo médio que demorará a percorrer 1 quilómetro?**

|                 |             |                   |                   |
|-----------------|-------------|-------------------|-------------------|
| a) Seis minutos | b) Uma hora | c) Trinta minutos | d) Não faço ideia |
|-----------------|-------------|-------------------|-------------------|

5

**16. Escolha a figura que completa a sequência.**



**17. A distância entre Amesterdão e Paris é de sensivelmente 500km. Se estiver a conduzir a 100km por hora, quanto tempo demora a completar a viagem?**

|                |               |                |                    |
|----------------|---------------|----------------|--------------------|
| a) Cinco horas | b) Três horas | c) 120 minutos | d) Não faço ideia. |
|----------------|---------------|----------------|--------------------|

**18. A que horas termina um filme que começa às 18h30 e dura 145 minutos?**

|          |         |          |                    |
|----------|---------|----------|--------------------|
| a) 20h55 | b) 9h55 | c) 20h50 | d) Não faço ideia. |
|----------|---------|----------|--------------------|



19. Escreva as horas marcadas por cada um dos relógios.



Relógio 1



Relógio 2



Relógio 3

Relógio 1:

Relógio 2:

Relógio 3:

20. Complete os espaços usando os símbolos matemáticos  $<$ ,  $>$ ,  $=$

|       |        |
|-------|--------|
| 13,01 | 13,009 |
| 1200g | 13kg   |
| 500m  | 0,1km  |
| 1,5h  | 90min  |

21. Qual destes corresponde a um valor maior?

|           |              |        |                    |
|-----------|--------------|--------|--------------------|
| a) Metade | b) Um quarto | c) 75% | d) Não faço ideia. |
|-----------|--------------|--------|--------------------|

22. Quanto representa 0,5?

|           |              |          |                    |
|-----------|--------------|----------|--------------------|
| a) Metade | b) cinquenta | c) cinco | d) Não faço ideia. |
|-----------|--------------|----------|--------------------|

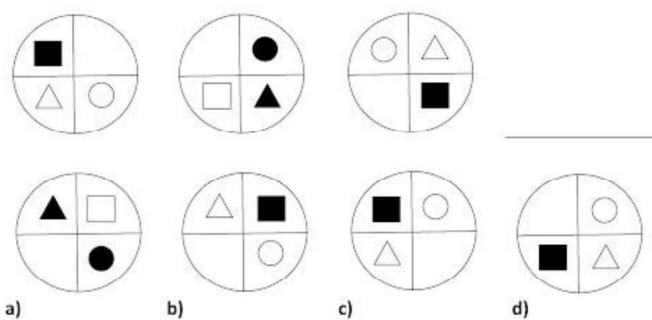


**23. Quantas gramas de açúcar são necessárias para fazer um bolo que requer 1 e  $\frac{1}{2}$  chávenas de açúcar se cada chávena leva 125g?**

|         |           |           |                   |
|---------|-----------|-----------|-------------------|
| a) 150g | b) 156,5g | c) 187,5g | d) Não faço ideia |
|---------|-----------|-----------|-------------------|

7

**24. Escolha a imagem que completa a sequência**



e) Não faço ideia

Muito obrigado/a pela sua participação! 😊



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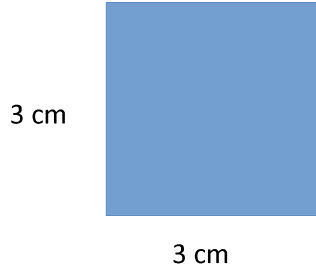


## TARAMA TESTİ N° 2

Her Şey Matematikle Başlar Projesi matematik öğrenme güçlüğünü saptamayı hedefler. Katılımınız konsorsiyuma matematik öğrenme sistemlerini geliştirme üzerine stratejiler oluşturmaya yardımcı olacaktır.

1

### 1. Bu karenin alanı nedir?



|                     |                     |                      |                |
|---------------------|---------------------|----------------------|----------------|
| a) $9 \text{ cm}^2$ | b) $6 \text{ cm}^2$ | c) $12 \text{ cm}^2$ | d) Fikrim yok. |
|---------------------|---------------------|----------------------|----------------|

### 2. $4^3$ (4 üzeri 3) ün sonucu nedir?

|       |       |       |                |
|-------|-------|-------|----------------|
| a) 12 | b) 16 | c) 64 | d) Fikrim yok. |
|-------|-------|-------|----------------|

### 3. “9, 13, 17, 21, A, 29” sayı dizisi düşünüldüğünde A yerine gelen sayı nedir?

|       |       |       |                |
|-------|-------|-------|----------------|
| a) 23 | b) 24 | c) 25 | d) Fikrim yok. |
|-------|-------|-------|----------------|



**4. Her bir matematik simgesi ile adlarını eşleştiriniz.**

|        |                |
|--------|----------------|
| ÷ or : | subtraction    |
| +      | division       |
| -      | multiplication |
| x      | addition       |

2

**5. 1cm (santimetrede) kaç mm (milimetre)'dir?**

|        |          |           |                |
|--------|----------|-----------|----------------|
| a) 1mm | b) 100mm | c) 1000mm | d) Fikrim yok. |
|--------|----------|-----------|----------------|

**6. 1km (kilometre) kaç m (metre)'dir?**

|       |        |          |                |
|-------|--------|----------|----------------|
| a) 1m | b) 10m | c) 1000m | d) Fikrim yok. |
|-------|--------|----------|----------------|

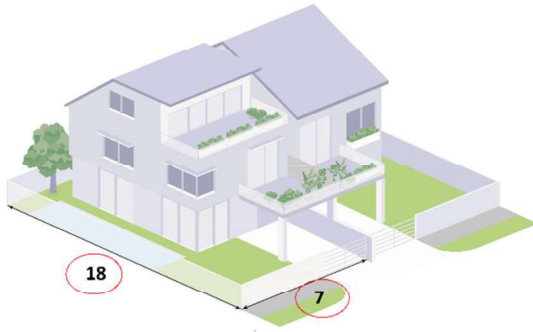
**7. Cebimde 9,38₺ var. 3,67₺ ile bir kek aldım. Geriye kaç liram kaldı?**

|          |          |          |                |
|----------|----------|----------|----------------|
| a) 6,71₺ | b) 5,71₺ | c) 5,31₺ | d) Fikrim yok. |
|----------|----------|----------|----------------|





8. Which unit of measurement do the values on the house most likely refer to?



3

|                   |                    |             |                |
|-------------------|--------------------|-------------|----------------|
| a) Milimetre (mm) | b) Santimetre (cm) | c) Metre(m) | d) Fikrim yok. |
|-------------------|--------------------|-------------|----------------|

9. 234,56 ile 10'u çarparsak sonuç ne çıkar?

|            |           |           |                |
|------------|-----------|-----------|----------------|
| a) 234,560 | b) 2345,6 | c) 23,456 | d) Fikrim yok. |
|------------|-----------|-----------|----------------|

10. Aşağıdaki sayıları yazıyla yazınız:

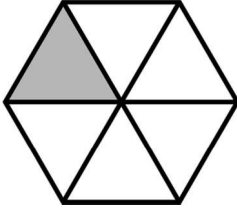
|        |  |
|--------|--|
| 15820  |  |
| 110754 |  |

11. Aşağıdakileri sayı ile belirtiniz:

|            |  |
|------------|--|
| Otuzbinbeş |  |
| Yüzoniki   |  |



12. Altıgende taranmış alan neyi ifade eder?



4

|           |               |              |                |
|-----------|---------------|--------------|----------------|
| a) Çeyrek | b) Altıda bir | c) Beşte bir | d) Fikrim yok. |
|-----------|---------------|--------------|----------------|

13. Kaç tane ülke pizzadan daha fazla hamburger satmıştır?

| Ülkeler    | Hamburger | Pizza | Toplam |
|------------|-----------|-------|--------|
| Portekiz   | 120       | 93    | 213    |
| İspanya    | 88        | 215   | 303    |
| Türkiye    | 97        | 88    | 185    |
| Yunanistan | 198       | 203   | 401    |
| Romanya    | 152       | 109   | 261    |
| İtalya     | 288       | 100   | 388    |

|      |      |      |      |                |
|------|------|------|------|----------------|
| a) 2 | b) 3 | c) 4 | d) 5 | e) Fikrim yok. |
|------|------|------|------|----------------|

14. Aşağıdaki görselde kaç tane nokta vardır?

o o o o o o o o  
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o o o o o o o o  
o o o o o o o o

|       |       |       |                |
|-------|-------|-------|----------------|
| a) 70 | b) 64 | c) 56 | d) Fikrim yok. |
|-------|-------|-------|----------------|

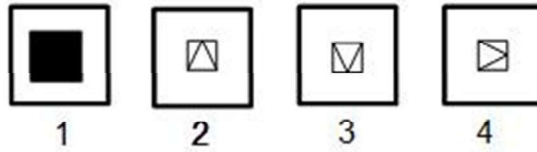


15. Sağlıklı bir kişinin 2 saatte 20 kilometre yürüdüğü düşünülürse, 1 kilometreyi yürümek ortalama ne kadar sürer?

|                |             |                |                |
|----------------|-------------|----------------|----------------|
| a) Altı dakika | b) Bir saat | c) Otuz dakika | d) Fikrim yok. |
|----------------|-------------|----------------|----------------|

5

16. Seriyi tamamlayan şekli işaretleyiniz.



17. Amsterdam'dan Paris'e mesafe yaklaşık olarak 500 km'dir. Eğer saatte 100 kilometre hızla gidiyorsan toplam yolculuk ne kadar sürer?

|             |            |               |                |
|-------------|------------|---------------|----------------|
| a) Beş saat | b) Üç saat | c) 120 dakika | d) Fikrim yok. |
|-------------|------------|---------------|----------------|

18. 6:30'da başlayan ve 145 dakika süren bir film saat kaçta biter?

|         |         |         |                |
|---------|---------|---------|----------------|
| a) 8:55 | b) 9:55 | c) 8:50 | d) Fikrim yok. |
|---------|---------|---------|----------------|

19. Her bir saatin altına gösterdiği saati yazınız.



1. Saat



2. Saat



3. Saat

1. Saat:

2. Saat:

3. Saat:

20. Boşlukları  $<$ ,  $>$ ,  $=$  simgelerini kullanarak doldurunuz.

|       |        |
|-------|--------|
| 13,01 | 13,009 |
| 1200g | 13kg   |
| 500m  | 0,1km  |
| 1,5s  | 90dk   |

21. Hangi seçenek en büyüktür?

|          |           |        |                |
|----------|-----------|--------|----------------|
| a) Yarım | b) Çeyrek | c) %75 | d) Fikrim yok. |
|----------|-----------|--------|----------------|

22. 0,5'in okunuşu nedir?

|          |         |        |                |
|----------|---------|--------|----------------|
| a) Yarım | b) Elli | c) Beş | d) Fikrim yok. |
|----------|---------|--------|----------------|



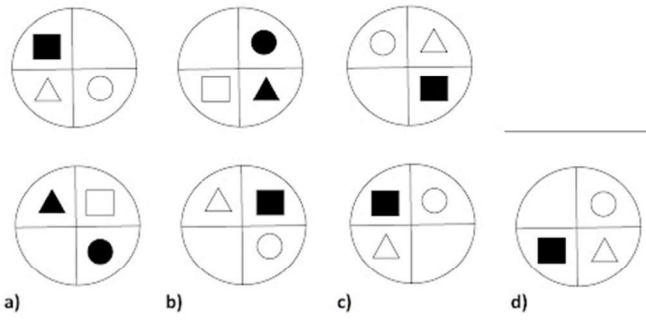


**23. 1 tam 1 de yarım fincan dolu şeker içeren bir kek hazırlarken kaç gram şeker gereklidir (her bir fincan 125 gram şeker almaktadır)?**

|         |           |           |                |
|---------|-----------|-----------|----------------|
| a) 150g | b) 156,5g | c) 187,5g | d) Fikrim yok. |
|---------|-----------|-----------|----------------|

7

**24. Seriyi tamamlayan şekli seçiniz?**



Katkılarınız için teşekkürler! 😊



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### TARAMA TESTİNİ UYGULAYAN İÇİN YÖNERGE

- 1- Testin süresi öğrencilerle paylaşılmayacak. Test 50 (elli) dakika sürecektir.
- 2- Test bireysel değil gruba uygulanacaktır.
- 3- Test sabah ilk ders saatinde uygulanacaktır.
- 4- Testi uygulayan öğretmenin branş ayrımı gözetilmeyecektir.
- 5- Sorularla ilgili ipuçları verilmeyecek.
- 6- Test öncesinde tuvalet ihtiyaçları sorulacak ve test süresince tuvalete izin verilmeyecektir.
- 7- Kalem, silgi ve kalemтіраш dışında materyale izin verilmeyecektir.
- 8- İlk 30 dakika dışarıya çıkmaya izin verilmeyecektir.
- 9- Yanlışlar doğruları götürmeyecektir.
- 10- Sınav süresince kapıya uyarı yazısı asılacaktır.

### TEST ESNASINDA GRUBA AÇIKLAMA

- 1- Bu test matematik öğrenme güçlüğünü değerlendirmeye yönelik genel bir taramadır.
- 2- Bu test 9 ve 10. Sınıflara uygulanan bir testtir.
- 3- Testin ilk 30 dakikası dışarı çıkmaya izin verilmeyecektir.
- 4- Yanlış cevaplar doğruları götürmeyecektir.
- 5- Fikrim yok cevabı da yanlış olarak kabul edilecektir.
- 6- Her sorunun yalnızca bir adet doğru cevabı vardır.



PROJECT:

EVERYTHING STARTS WITH MATHEMATICS

REFERENCE NUMBER:

2021-1-TR01-KA220-SCH-000032799

DATE:

OCTOBER 2022



Erasmus+

**DIAGNOSE TEST 1****PART 1**

|    |   |    |   |    |   |    |   |    |      |
|----|---|----|---|----|---|----|---|----|------|
| 15 | + |    | = | 60 |   |    |   | 40 |      |
|    |   | ÷  |   | x  |   |    |   | x  |      |
| 5  | - |    | = | 2  |   | 21 |   |    |      |
| ÷  |   | =  |   | =  |   | -  |   | =  |      |
|    |   | 15 |   |    | ÷ | 3  | = |    |      |
| =  |   |    |   |    | = |    |   |    |      |
| 1  |   | 36 | ÷ |    | = | 18 | x |    | = 90 |
|    |   | ÷  |   | -  |   | ÷  |   | -  |      |
|    |   |    | x |    | = | 6  |   |    |      |
|    |   | =  |   | =  |   | =  |   | =  |      |
|    |   | 12 |   | 0  | x |    | = | 0  |      |

**PART 2**

A) 3, 7, 11, 15, ?

According to the pattern above write the correct number in place of question mark.

B)  $83 + 27 - 49$ 

What is the score of the operation above?

C)  $1040 + 1040 + 10 + 10$ 

What is the score of the operation above?

### **APPLICATION OF THE TEST**

This test is designed to evaluate the students' basic mathematical skills. The students shall be on their own, without help of technological devices such as mobile phones, calculators etc during the application of the test. Maximum 20 minutes must be given for the test. If the student makes 2 or more mistakes from Part A or Part B each, s/he should be in the targeted diagnosed group that we would like to study on within the scope the project.

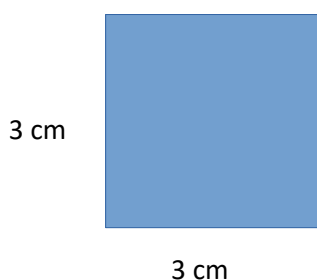


## TEST EVALUARE № 2

Proiectul “*Everything starts with mathematics*” ( “Totul începe cu matematica”) își propune să testeze dificultățile de învățare ale matematicii. Participarea dumneavoastră va ajuta consorțiul să dezvolte noi strategii de predare și învățare.

1

### 1. Care este aria acestui pătrat?



|                     |                     |                      |             |
|---------------------|---------------------|----------------------|-------------|
| a) $9 \text{ cm}^2$ | b) $6 \text{ cm}^2$ | c) $12 \text{ cm}^2$ | d) nu știu. |
|---------------------|---------------------|----------------------|-------------|

### 1. Care este rezultatul lui $4^3$ (cu alte cuvinte, ridicarea lui 4 la puterea a 3-a)?

|       |       |       |             |
|-------|-------|-------|-------------|
| a) 12 | b) 16 | c) 64 | d) nu știu. |
|-------|-------|-------|-------------|

### 2. Se dă secvența: “9, 13, 17, 21, A, 29”. Care este numărul A în secvență?

|       |       |       |             |
|-------|-------|-------|-------------|
| a) 23 | b) 24 | c) 25 | d) nu știu. |
|-------|-------|-------|-------------|



**3. Împerechează fiecare simbol matematic cu operația corespunzătoare.**

|        |           |
|--------|-----------|
| ÷ or : | scădere   |
| +      | împărțire |
| -      | înmulțire |
| x      | adunare   |

2

**4. Câți milimetri (mm) sunt într-un centimetru (cm)?**

|        |          |           |             |
|--------|----------|-----------|-------------|
| a) 1mm | b) 100mm | c) 1000mm | d) nu știu. |
|--------|----------|-----------|-------------|

**5. Câți metri (m) sunt într-un kilometru (km)?**

|       |        |          |             |
|-------|--------|----------|-------------|
| a) 1m | b) 10m | c) 1000m | d) nu știu. |
|-------|--------|----------|-------------|

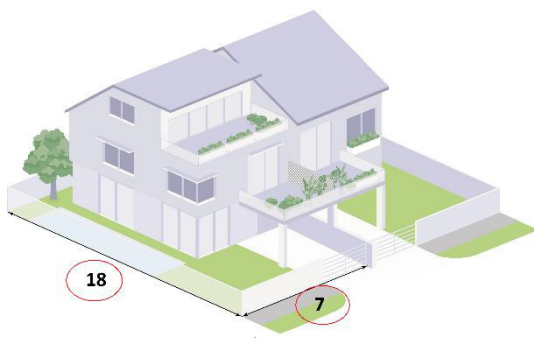
**6. Am 9,38€ în buzunar. Am cumpărat o prăjitură care costă 3,67€. Câți bani mi-au rămas?**

|          |          |          |             |
|----------|----------|----------|-------------|
| a) 6,71€ | b) 5,71€ | c) 5,31€ | d) Nu știu. |
|----------|----------|----------|-------------|





7. La ce unitate de măsură se face referire în schița casei de mai jos?



3

|                   |                    |              |             |
|-------------------|--------------------|--------------|-------------|
| a) milimetru (mm) | b) centimetru (cm) | c) metru (m) | d) nu știu. |
|-------------------|--------------------|--------------|-------------|

8. Dacă înmulțești 234,56 cu 10, cât obții?

|            |           |           |             |
|------------|-----------|-----------|-------------|
| a) 234,560 | b) 2345,6 | c) 23,456 | d) nu știu. |
|------------|-----------|-----------|-------------|

10. Scrie următoarele numere cu litere:

|        |  |
|--------|--|
| 15820  |  |
| 110754 |  |

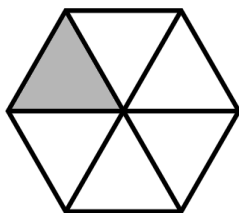
11. Scrie cu cifre numerele de mai jos:

|                    |  |
|--------------------|--|
| trei mii cinci     |  |
| o sută doisprezece |  |





12. Cât reprezintă partea gri a acestui hexagon?



4

|             |             |              |             |
|-------------|-------------|--------------|-------------|
| a) un sfert | b) o șesime | c) o cincime | d) nu știu. |
|-------------|-------------|--------------|-------------|

13. Câte țări au vândut mai mulți hamburgeri decât pizza?

| ȚĂRI       | Hamburger | Pizza | Total |
|------------|-----------|-------|-------|
| Portugalia | 120       | 93    | 213   |
| Spania     | 88        | 215   | 303   |
| Turcia     | 97        | 88    | 185   |
| Grecia     | 198       | 203   | 401   |
| România    | 152       | 109   | 261   |
| Italia     | 288       | 100   | 388   |

|      |      |      |      |             |
|------|------|------|------|-------------|
| a) 2 | b) 3 | c) 4 | d) 5 | e) Nu știu. |
|------|------|------|------|-------------|

14. Câte cerculețe sunt în desenul de mai jos?

```

o  o  o  o  o  o  o  o
o  o  o  o  o  o  o  o
o  o  o  o  o  o  o  o
o  o  o  o  o  o  o  o
o  o  o  o  o  o  o  o
o  o  o  o  o  o  o  o
o  o  o  o  o  o  o  o

```

|       |       |       |             |
|-------|-------|-------|-------------|
| a) 70 | b) 64 | c) 56 | d) nu știu. |
|-------|-------|-------|-------------|





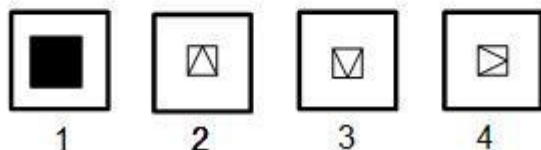


**15. Dacă unei persoane sănătoase îi ia 2 ore să meargă pe jos 20 de kilometri, care va fi durata medie de parcurgere a unui kilometru?**

|                |          |                       |             |
|----------------|----------|-----------------------|-------------|
| a) şase minute | b) o oră | c) treizeci de minute | d) nu ştiu. |
|----------------|----------|-----------------------|-------------|

5

**16. Alege figura care completează secvența:**



**17. De la Amsterdam la Paris sunt aproximativ 500 km. Dacă conduceți cu 100 de kilometri pe oră, cât durează pentru a finaliza călătoria?**

|              |             |               |             |
|--------------|-------------|---------------|-------------|
| a) cinci ore | b) trei ore | c) 120 minute | d) nu ştiu. |
|--------------|-------------|---------------|-------------|

**18. La ce oră se termină un film care începe la 18:30 și durează 145 de minute?**

|            |            |            |             |
|------------|------------|------------|-------------|
| a) 9:55 PM | b) 9:55 AM | c) 8:50 PM | d) nu ştiu. |
|------------|------------|------------|-------------|



18. Scrie ora pentru fiecare figură.



Clock 1



Clock 2



Clock 3

Clock 1:

Clock 2:

Clock 3:

19. Completează spațiile folosind aceste simboluri matematice:  $<$ ,  $>$ ,  $=$

|       |        |
|-------|--------|
| 13,01 | 13,009 |
| 1200g | 13kg   |
| 500m  | 0,1km  |
| 1,5h  | 90min  |

20. Care e cea mai mare ca valoare?

|              |            |        |             |
|--------------|------------|--------|-------------|
| a) jumătatea | b) sfertul | c) 75% | d) nu știu. |
|--------------|------------|--------|-------------|

21. Cum citești: 0,5?

|             |              |          |             |
|-------------|--------------|----------|-------------|
| a) jumătate | b) cincizeci | c) cinci | d) nu știu. |
|-------------|--------------|----------|-------------|

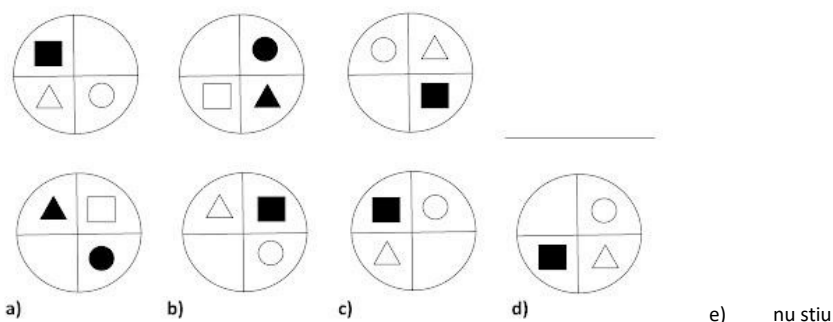


**22. Câte grame de zahăr sunt necesare pentru a face o prăjitură dacă rețeta spune că necesită 1 cană și jumătate de zahăr, și dacă fiecare cană are 125g?**

|         |           |           |             |
|---------|-----------|-----------|-------------|
| a) 150g | b) 156,5g | c) 187,5g | d) nu știu. |
|---------|-----------|-----------|-------------|

7

**22. Alege imaginea care completează secvența:**



VĂ MULȚUMIM PENTRU COLABORARE! 😊



Co-funded by  
the European Union

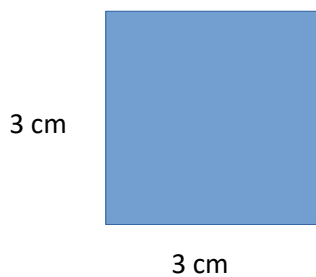
This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

**SCREENING TEST Nº 2**

El proyecto Everything Starts with Maths tiene por objetivo detectar las dificultades de aprendizaje en matemáticas.

Su participación ayudará al consorcio a desarrollar nuevas estrategias para mejorar el sistema de aprendizaje.

1

**1. ¿Cuál es el área del rectángulo?**

|                     |                     |                      |              |
|---------------------|---------------------|----------------------|--------------|
| a) $9 \text{ cm}^2$ | b) $6 \text{ cm}^2$ | c) $12 \text{ cm}^2$ | d) No lo sé. |
|---------------------|---------------------|----------------------|--------------|

**2. ¿Cuál es el resultado de  $4^3$  (en otras palabras, 4 elevado a 3)?**

|       |       |       |              |
|-------|-------|-------|--------------|
| a) 12 | b) 16 | c) 64 | d) No lo sé. |
|-------|-------|-------|--------------|

**3. Dada esta secuencia “9, 13, 17, 21, A, 29”, ¿cuál es el valor de A?**

|       |       |       |              |
|-------|-------|-------|--------------|
| a) 23 | b) 24 | c) 25 | d) No lo sé. |
|-------|-------|-------|--------------|



**4. Une cada símbolo matemático con la correspondiente operación.**

|       |                |
|-------|----------------|
| ÷ o : | resta          |
| +     | división       |
| -     | multiplicación |
| x     | suma           |

2

**5. ¿Cuántos milímetros (mm) hay en 1 centímetro (cm)?**

|        |          |           |              |
|--------|----------|-----------|--------------|
| a) 1mm | b) 100mm | c) 1000mm | d) No lo sé. |
|--------|----------|-----------|--------------|

**6. ¿Cuántos metros (m) hay en un 1 kilometro (km)?**

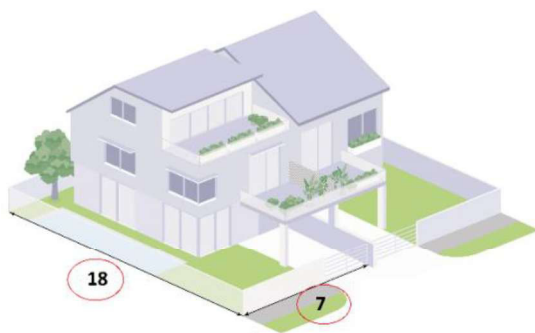
|       |        |          |              |
|-------|--------|----------|--------------|
| a) 1m | b) 10m | c) 1000m | d) No lo sé. |
|-------|--------|----------|--------------|

**7. Tengo 9,38€ en el monedero. He comprado una tarta que cuesta 3,67€. ¿Cuánto dinero me queda?**

|          |          |          |              |
|----------|----------|----------|--------------|
| a) 6,71€ | b) 5,71€ | c) 5,31€ | d) No lo sé. |
|----------|----------|----------|--------------|



8. ¿A qué unidad de medida se refiere las medidas de la casa?



3

|                   |                    |              |              |
|-------------------|--------------------|--------------|--------------|
| a) Milimeter (mm) | b) Centimeter (cm) | c) Meter (m) | d) No lo sé. |
|-------------------|--------------------|--------------|--------------|

9. Si multiplicas 234,56 po 10 , ¿cuál es el resultado?

|            |           |           |              |
|------------|-----------|-----------|--------------|
| a) 234,560 | b) 2345,6 | c) 23,456 | d) No lo sé. |
|------------|-----------|-----------|--------------|

10. Escribe como se leen los siguientes números:

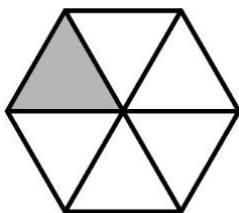
|        |  |
|--------|--|
| 15820  |  |
| 110754 |  |

11. Escribe los siguientes números:

|                   |  |
|-------------------|--|
| Treinta mil cinco |  |
| Ciento doce       |  |



12. ¿Qué representa la parte sombreada de este hexágono?



4

|              |             |              |              |
|--------------|-------------|--------------|--------------|
| a) Un cuarto | b) Un sexto | c) Un quinto | d) No lo sé. |
|--------------|-------------|--------------|--------------|

13. ¿Cuántas ciudades venden más hamburguesas que pizzas?

| Ciudades | Hamburguesas | Pizza | Total |
|----------|--------------|-------|-------|
| Portugal | 120          | 93    | 213   |
| España   | 88           | 215   | 303   |
| Turquía  | 97           | 88    | 185   |
| Grecia   | 198          | 203   | 401   |
| Rumanía  | 152          | 109   | 261   |
| Italia   | 288          | 100   | 388   |

|      |      |      |      |              |
|------|------|------|------|--------------|
| a) 2 | b) 3 | c) 4 | d) 5 | e) No lo sé. |
|------|------|------|------|--------------|

14. ¿Cuántos círculos hay en la figura siguiente?

O O O O O O O O  
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 O O O O O O O O

|       |       |       |              |
|-------|-------|-------|--------------|
| a) 70 | b) 64 | c) 56 | d) No lo sé. |
|-------|-------|-------|--------------|



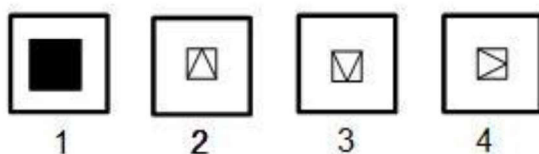
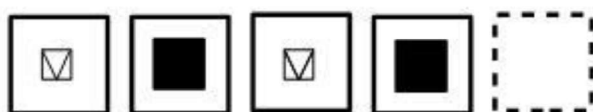


**15. Si una persona sana tarda 2 horas en caminar 20 kilómetros, ¿cuál es el tiempo medio para caminar 1 kilómetro?**

|                 |             |                    |              |
|-----------------|-------------|--------------------|--------------|
| a) Seis minutos | b) Una hora | c) Treinta minutos | d) No lo sé. |
|-----------------|-------------|--------------------|--------------|

5

**16. Elige la figura que completa la serie.**



**17. De Amsterdam a París se tarda aproximadamente 500 km. Si conduces a 100 kilómetros por hora, ¿cuánto tardas en completar el trayecto?**

|                |               |                |              |
|----------------|---------------|----------------|--------------|
| a) Cinco horas | b) Tres horas | c) 120 minutos | d) No lo sé. |
|----------------|---------------|----------------|--------------|

**18. ¿A qué hora termina una película que empieza a las 18.30 y dura 145 minutos?**

|            |            |            |              |
|------------|------------|------------|--------------|
| a) 9:55 PM | b) 9:55 AM | c) 8:50 PM | d) No lo sé. |
|------------|------------|------------|--------------|





19. Escribe las horas de cada reloj.



Reloj 1



Reloj 2



Reloj 3

Reloj 1:

Reloj 2:

Reloj 3:

20. Completa los espacios utilizando los siguientes signos:  $<$ ,  $>$ ,  $=$

|       |        |
|-------|--------|
| 13,01 | 13,009 |
| 1200g | 13kg   |
| 500m  | 0,1km  |
| 1,5h  | 90min  |

21. ¿Qué opción es la mejor?

|          |              |        |              |
|----------|--------------|--------|--------------|
| a) Medio | b) Un cuarto | c) 75% | d) No lo sé. |
|----------|--------------|--------|--------------|

22. ¿Cómo lees 0,5?

|          |              |          |              |
|----------|--------------|----------|--------------|
| a) Medio | b) Cincuenta | c) Cinco | d) No lo sé. |
|----------|--------------|----------|--------------|

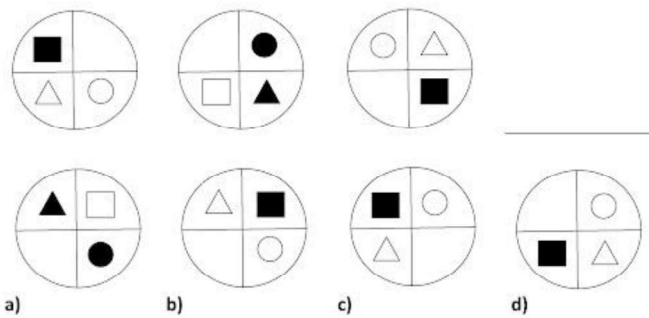


**23. ¿Cuántos gramos de azúcar se necesitan para preparar una receta de tarta que requiere 1 taza y media de azúcar si cada taza tiene 125 g?**

|         |           |           |              |
|---------|-----------|-----------|--------------|
| a) 150g | b) 156,5g | c) 187,5g | d) No lo sé. |
|---------|-----------|-----------|--------------|

7

**24. Elige la imagen que completa la secuencia.**



e) No lo sé.

¡Muchas gracias por tu colaboración! 😊



| Student | Class             | TOTAL n° mistakes | Observations/Other considerations |
|---------|-------------------|-------------------|-----------------------------------|
| 1       | Técnico Comercial | 17                |                                   |
| 2       | Turismo           | 16                |                                   |
| 3       | Informática       | 15                |                                   |
| 4       | Turismo           | 14                |                                   |
| 5       | Informática       | 12                |                                   |
| 6       | Técnico Comercial | 11                |                                   |
| 7       | Turismo           | 11                |                                   |
| 8       | Mecatrónica       | 11                |                                   |
| 9       | Informática       | 11                |                                   |
| 10      | Informática       | 11                |                                   |
| 11      | Mecatrónica       | 10                |                                   |
| 12      | Informática       | 10                |                                   |
| 13      | Informática       | 9                 |                                   |
| 14      | Turismo           | 9                 |                                   |
| 15      | Informática       | 8                 |                                   |
| 16      | Auxiliar de Saúde | 8                 |                                   |
| 17      | Mecatrónica       | 8                 |                                   |
| 18      | Turismo           | 7                 |                                   |
| 19      | Mecatrónica       | 7                 |                                   |
| 20      | Informática       | 7                 |                                   |
| 21      | Turismo           | 7                 |                                   |
| 22      | Turismo           | 6                 |                                   |
| 23      | Auxiliar de Saúde | 6                 |                                   |
| 24      | Auxiliar de Saúde | 6                 |                                   |
| 25      | Mecatrónica       | 6                 |                                   |
| 26      | Turismo           | 5                 |                                   |
| 27      | Turismo           | 5                 |                                   |
| 28      | Técnico Comercial | 5                 |                                   |
| 29      | Mecatrónica       | 5                 |                                   |
| 30      | Mecatrónica       | 5                 |                                   |
| 31      | Mecatrónica       | 5                 |                                   |
| 32      | Turismo           | 5                 |                                   |
| 33      | Turismo           | 4                 |                                   |
| 34      | Mecatrónica       | 4                 |                                   |
| 35      | Mecatrónica       | 4                 |                                   |
| 36      | Auxiliar de Saúde | 4                 |                                   |
| 37      | Auxiliar de Saúde | 4                 |                                   |
| 38      | Auxiliar de Saúde | 4                 |                                   |
| 39      | Auxiliar de Saúde | 4                 |                                   |
| 40      | Mecatrónica       | 4                 |                                   |
| 41      | Mecatrónica       | 4                 |                                   |
| 42      | Mecatrónica       | 4                 |                                   |
| 43      | Turismo           | 4                 |                                   |
| 44      | Turismo           | 4                 |                                   |
| 45      | Turismo           | 3                 |                                   |
| 46      | Mecatrónica       | 3                 |                                   |
| 47      | Mecatrónica       | 3                 |                                   |
| 48      | Mecatrónica       | 3                 |                                   |
| 49      | Auxiliar de Saúde | 3                 |                                   |
| 50      | Auxiliar de Saúde | 3                 |                                   |
| 51      | Informática       | 2                 |                                   |
| 52      | Mecatrónica       | 2                 |                                   |
| 53      | Turismo           | 1                 |                                   |
| 54      | Informática       | 1                 |                                   |
| 55      | Mecatrónica       | 1                 |                                   |
| 56      | Informática       | 1                 |                                   |
| 57      | Mecatrónica       | 0                 |                                   |