

PRIMARY SCHOOL CHALLENGE 2025

LEVEL 0 CHALLENGE GRADE 3 ROUND ONE

INSTRUCTIONS

1. The time allocated for this paper is 1 hour.
2. All participants must remain for the full allocated time.
3. Under no circumstances may extra time be given.
4. **This paper consists of 20 Questions over 2 Sections.**

Section A consists of 15 multiple choice questions. Each question is worth 1 mark. Circle the letter you have chosen as your answer in pen. Should you wish to change an answer, put a cross over the letter and then circle your new chosen letter. No mark will be awarded if two or more letters are circled without any crossing out.

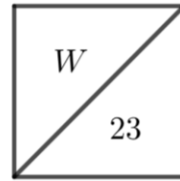
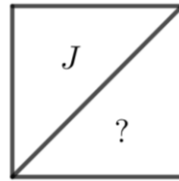
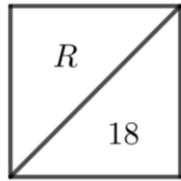
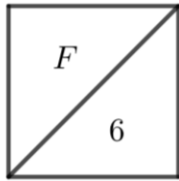
Section B consists of 5 questions where only an answer must be given. Each question is worth 1 mark. Write only your answer in the allocated space.

5. Negative marking will not be applied. That is, marks will not be deducted for an incorrect answer.
6. Calculators (and other calculating devices) and geometry instruments are not allowed.
7. Figures are not necessarily drawn to scale.
8. Answer all questions on the answer sheet provided.
9. Paper may be used for rough working.

ENJOY AND HAVE FUN 😊

SECTION A

1. It is the year 2025. What is $2025 + 10$?
 (A) 2015 (B) 2035 (C) 2026 (D) 2045 (E) 2005
2. I am a number bigger than 355 but smaller than 395. If you add my 1st digit to my 3rd digit you get 9. Which of the following numbers am I?
 (A) 346 (B) 375 (C) 415 (D) 376 (E) 392
3. There is a pattern between the letter and number in each square below:



What number goes in the question mark? (HINT: Think alphabet)

- (A) 16 (B) 9 (C) 15 (D) 20 (E) 10
4. Which of the following is not equal to: $3 + 3 + 3 + 3 + 3 + 3$?
 (A) $3 + 6 + 9$ (B) $9 + 9$ (C) $6 + 12$
 (D) $6 + 6 + 6$ (E) $6 + 3 + 6$
5. Brenda bought 3kg of white beads, 4kg of black beads, and 2kg of red beads. She then mixed them all together and put them into 3 bags. Each of the 3 bags weighed exactly the same. (Note: kg is kilograms)
 What was the weight of each bag?
 (A) 3kg (B) 4kg (C) 1kg (D) 2kg (E) 9kg

6. What number must be added to 999 to get 2025?

- (A) 926 (B) 1006 (C) 1126 (D) 936 (E) 1026

7. 10 balls in total are put into 3 boxes. No box has less than 2 balls in it. What is the most number of balls which could be in a box?

- (A) 4 (B) 6 (C) 3 (D) 7 (E) 5

8. In the addition shown below, A is a 1-digit number and BB is a 2-digit number. They add up to 103. A and B are different single digits from 0 to 9.

$$\begin{array}{r} A \\ + BB \\ \hline 103 \end{array}$$

What is the value of the sum of digits A and B ? ($A + B = ?$)

- (A) 103 (B) 3 (C) 13 (D) 4 (E) 10

9. Sixteen boys and twelve girls are in a classroom. So there are 4 more boys than girls in the classroom. Three boys and two girls leave the classroom. How many more boys are there than girls in the classroom now?

- (A) 1 (B) 4 (C) 2 (D) 3 (E) 5

10. A thin piece of wire is cut into two pieces. One piece is bent to make a square with side 5cm. The other piece is bent to make a triangle. The length of the three sides of the triangle are each equal to 6cm. No wire is left over. How long was the piece of wire before it was cut? (Note: cm is centimetres)

- (A) 38cm (B) 11cm (C) 25cm (D) 40cm (E) 36cm

11. The heights of five children are measured. Their heights are shown in the table below: (cm is centimetres ; 1 metre = 100cm)

CHILD	Fred (F)	Gen (G)	Heidi (H)	Jack (J)	Kem (K)
HEIGHT	1 metre	98cm	103cm	1 metre 6cm	105cm

Shortest to tallest, the children are:

- (A) F, G, J, H, K (B) F, H, G, K, J (C) F, H, K, G, J
- (D) G, F, H, K, J (E) G, J, H, K, F
12. Sarah ran 5km on Monday. On Tuesday she ran 3km more than she ran on Monday. On Wednesday she ran 3km more than she ran on Tuesday.
- In total, how far did she run during the three days?
- (A) 11km (B) 21km (C) 24km (D) 15km (E) 8km
13. It's 2025. Three friends share the same birthday today. Two are aged 9 and one is aged 10. The sum of their ages is therefore 28.
- In which year will the sum of their ages be 58?
- (A) 2030 (B) 2055 (C) 2040 (D) 2052 (E) 2035
14. At a school gift shop:
- A new pen may be swapped for two new rulers.
 - A new ruler may be swapped for two new pencils.

How many new pencils are needed to be swapped for one new pen?

- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

15. Which operation must be written where the triangle $\triangle$ is to make the sum below correct? (The operation choices are: $+$, $-$, $\times$, $\div$)

$$2 \triangle 3 + 5 = 10$$

- (A) $\times$ (B) $-$ (C) $+$ (D) $\div$ (E) None of them work

SECTION B

(Write only your answer in the given space)

16. On a Saturday 200 people visited a zoo. The next day twice as many people visited the zoo. On Monday half as many people visited the zoo as the number who visited on Saturday.

In total, how many people visited the zoo over the 3 days, Saturday, Sunday, and Monday?

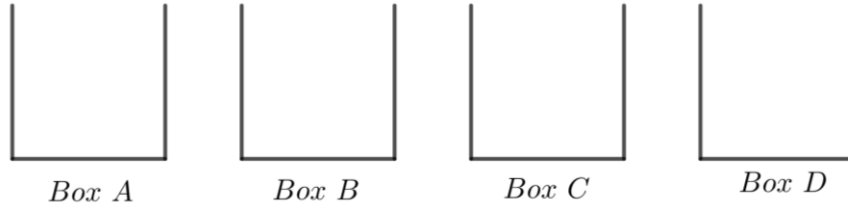
17. It's Roxy's 9th birthday and 11 of her friends come to her home for a party. Roxy's mother baked two cakes. She cuts each of the cakes into the same number of pieces. Roxy and her friends each have exactly two pieces of cake. No cake is left over.

How many pieces was each cake cut into?

18. Renee wanted to add two numbers together using her calculator. The bigger number was 67. She made a mistake and subtracted the two numbers to get 12.

What should her answer have been?

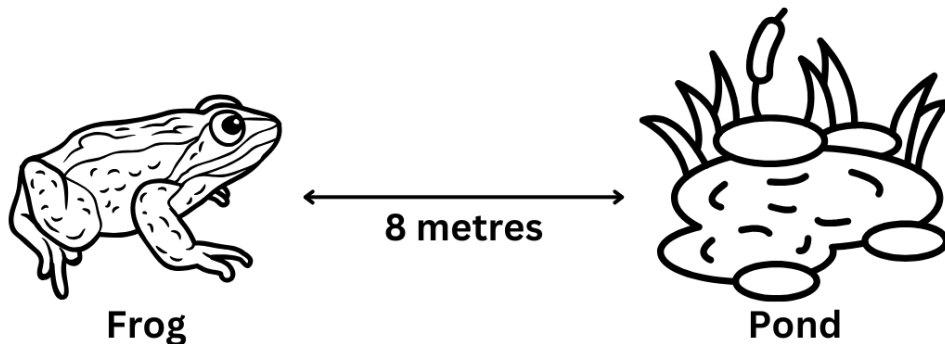
19. Boxes *A*, *B*, *C*, and *D* each have some balls in them.
Box *C* has 10 balls inside it.



- 3 balls are moved from box *A* to box *C*
- 7 balls are moved from box *D* to box *C*
- 4 balls are moved from box *C* to box *B*

How many balls are inside box *C* after these three moves?

20. A frog is 8 metres from a pond of water.



- The frog jumps half the distance to the pond
- The frog then jumps half of the remaining distance to the pond
- The frog then again jumps half of the remaining distance to the pond

How far is the frog from the pond after these three jumps?