MATHEMATICS OLYMPIAD GRADE ONE

DATE: 3-17 AUGUST 2026

TIME: 75 MINUTES

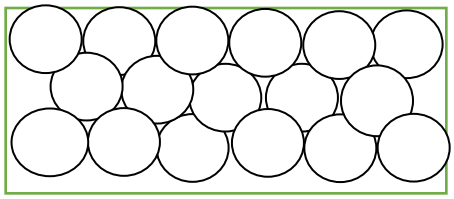
INSTRUCTIONS:

1. This booklet has 12 multiple choice questions and 3 open ended questions.
2. Use the answer sheet provided.

   Circle the letter corresponding to your answer.
3. All working details must be done in the space provided.
4. Calculators are not permitted.
5. Diagrams are not necessarily drawn to scale.
6. The first 10 problems carry 1 mark each and the next 5 carry 2 marks each.
7. You have 75 minutes for the paper which works out to an average of 5 minutes per question.
8. Read the questions carefully before answering. Do not rush.
9. Your teacher will read the questions to you.
10. Visit the website: www.saolympiads.co.za.

ENJOY THE OLYMPIAD.

1. **Count the number of <u>beads</u> in this arrangement.**



(A) 16 (B) 17 (C) 18

2. **Give the number that is 24 more than 39?**
(A) 73 (B) 53 (C) 63

3. **Write down the 3rd largest number.**
62; 54; 44; 78; 64

(A) 62 (B) 64 (C) 54

4. **Give the value of ☐ in this problem.**
43 + ☐ + ☐ = 75

(A) 18 (B) 17 (C) 16

5. **Give the 9th number in this <u>pattern (adding</u> 4):**
10; 14; 18; 22; ……

(A) 42 (B) 44 (C) 46

6. **Find the value of A (A is the units digit of a 2-digit number):**

$$\begin{array}{r} 2\,A \\ 2\,A \\ +2\,A \\ \hline 7\,5 \end{array}$$

(A) 7 (B) 6 (C) 5

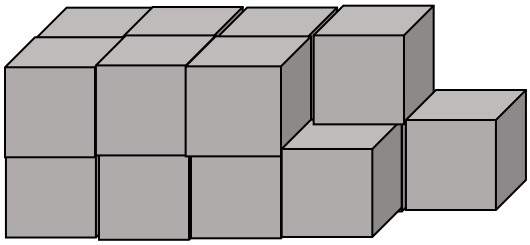
7. **Look at this pretty square below:**

37	39	41	43	45	47
35	33	31	29	27	25
13	15	17	19	21	23
11	9	7	5	3^{O}	1

A coin was placed at 3. It was moved 3 places to the left, 2 places up, 4 places to the right and 2 places down. On which numbered square is the coin now on?

(A) 1 (B) 3 (C) 5

8. **How many blocks are there in this structure?**

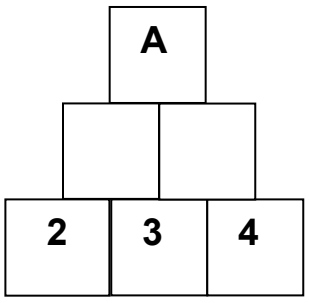


(A) 15 (B) 16 (C) 17

9. **Double the number 25 and take away 8 from it. What will the number now be?**

(A) 32 (B) 42 (C) 52

10. **In the game called "Pyramaths", the rule is to add the numbers in the 2 blocks below and double your answer, to give the number in the block above. Find A.**



(A) 44 (B) 46 (C) 48

11. 6 less than $\frac{1}{2}$ of the rusks is 15. How many rusks were there altogether?

(A) 40 (B) 42 (C) 44

12. Ben has 15 coins more than Anna.
Candice has 10 coins less than Ben.
If all three had 80 coins, then how many coins did Candice have?

(A) 25 (B) 30 (C) 35

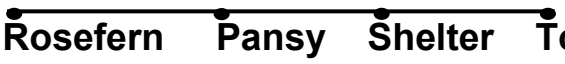
13. In a class the teacher had 3 rulers for every 4 pencils.
There were 30 rulers. How many pencils did the teacher have?

14. Tembi had to guess the number of beans in a jar.

GUESS	COMPUTER
75	Wrong by 5
62	Wrong by 8

What is the answer?

15. The distance from Rosefern to Pansy is 50 metres more than the distance from Shelter to Town.
The distance from Pansy to Shelter is 50 metres less than the distance from Rosefern to Pansy.
The distance from Rosefern to Town is 500 metres. All 4 places are on the same straight road. How far in metres is Shelter from Rosefern?



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