NATIONAL FOUNDATION PHASE MATHEMATICS
OLYMPIAD
GRADE TWO
ENGLISH
2018
FINAL ROUND QUESTION BOOKLET

DURATION: 1 HOUR 15 MINUTES   TIME: 08:30 -09:45

MARKS: 20   DATES: 11 OCTOBER 2018

NAME OF LEARNER:_____

NAME OF SCHOOL:_____

INSTRUCTIONS TO LEARNERS:
1. You are expected to answer 15 questions.
2. These are multiple choice questions. Circle the correct answer.
3. Use blank pages for working. Circle the answer after you have done the working.
4. You are not allowed to use the calculator.
5. Read the question carefully before answering. Don't rush.
6. Your teacher will read the question to you.
7. First 10 questions – 1 mark each.
8. Questions 11-15: 2 marks each.

ENJOY THE OLYMPIAD

NON PROFIT COMPANY REGISTRATION NO: 2015/050119/08

1. **Write down the 9th term of this subtraction sequence:-**

   45; 42; 39; 36; . . .

2. **Write down the unit's digit of the 23nd number.**

   9; 14; 19; 24; . . .

3. **Lindy counted in 5's as follows:-**

   15; 20; 25; 30; …

   What position does the number 75 occupy ?

4. **Each letter in the following addition problem represents a digit.**
   Find A+B if A and B are digits?

   $$
   \begin{array}{r}
   A\ B \\
   A\ B \\
   +\underline{A\ B} \\
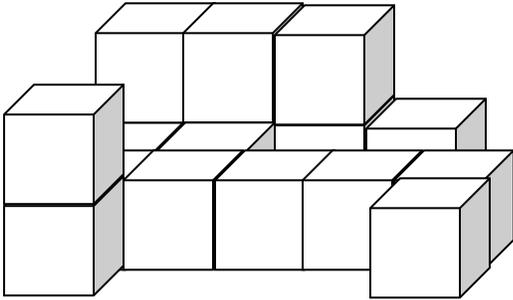   \underline{9\ 6}
   \end{array}
   $$

5. **Find the value of** ☐

   ☐ **+** ☐ **-** △ **=** ☐ **-** △ **+ 20**

6. **Dean was given R40 less than Rosy. If both were given R220 then how much was given to Dean ?**

7. If $290 + 380 + 330 = 1\ 000$ then without further working write down the answer to:-

   $270 + 360 + 310$

8. How many blocks are there in this stack ?

9. Five different numbers starting from the smallest number 10 are added.
   What is the sum of the 5 numbers if each number is 5 more than the previous number?

10. Study the following problem. Do you know that # is doing to the two numbers.

   $3 \# 5 = 4$ $6 \# 4 = 5$
   $5 \# 9 = 7$ $2 \# 12 = 7$

   Find the value of :-
   $10 \# 12$

11. **4**   **7**   **10**   **13**

1   2   3   4

 4 matchsticks are used to make the 1st diagram
 7 matchsticks are use to make the 2nd diagram.
 10 matchsticks are used to make the 3rd diagram.
 13 matchsticks are used to make the 4th diagram
 How many are needed for the 6th diagram ?

12. 2 more than ¼ of the cakes is 11 then how many cakes were there?

**13. Len was on a certain floor of a lift. He went up 2 floors came down 5
    floors ; then went down another 2 floors. He went up 6 floors and was
    on the 3rd floor.
    On which floor did Len get on?**

**14. Desiree had the same amount as Candy. If Desiree gave Candy one
    third of what she had then Candy would have had twice the amount
    that Desiree had. If both had R600 then how much did Candy start off
    with?**

**15. A has R15 more than B.
    B has R25 less than C.
    All three had R235.
    How much did B have?**

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E N D