

science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

**NATIONAL FOUNDATION PHASE MATHEMATICS
OLYMPIAD
GRADE ONE
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. Use the answer booklet for your answers.
3. Use the space provided for your 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.
9. Write your name in block letters.

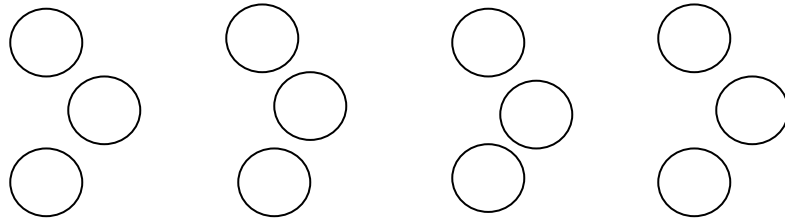
ENJOY THE OLYMPIAD



NON PROFIT COMPANY

**REGISTRATION
NO: 2015/050119/08**

1. How many circles are there in this arrangement ?



2. Give the number which is 14 more than 26 ?

3. Write down the number which is 11 less than 28.

4. Give the value of \square in this addition problem.

$$\begin{array}{r} 2 \square \\ + \square \square \\ \hline 92 \\ \hline \end{array}$$

5. Give the next number in this addition pattern.

7;15;23;31;___

6. Find the value of \square

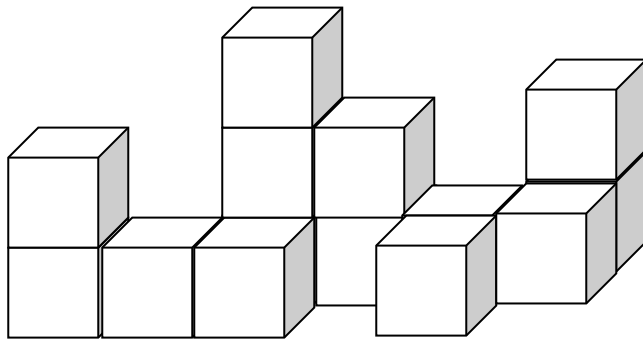
$$36 + \square = \square + \square + \square + \square$$

7. Sash counted in 3's as follows from 7:-

7; 10; 13; 16; ...

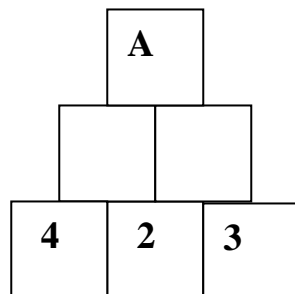
Write down the 10th number.

8. How many blocks are there in this stack ?



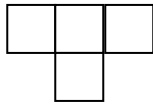
9. Donald has 3 plastic digits 5;5;2. How many different three digit numbers and two digit numbers could Donald make ?

10. In the game called Pyramaths the rule is to double the number on the left and add to the number on the right. Find A.

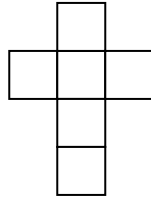


11.

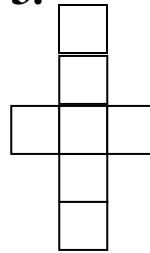
1.



2.



3.



Matchsticks are used to make the figures.

How many matchsticks are needed to make the 8th figure ?

12. **4 bananas were sold for R7.**

How much would you pay for 12 such bananas at this rate?

13. **Jes and Tanny both had R180. Jes had R40 more than Tanny. How much did Tanny have?**

14. **Alice had 6 marbles more than half the marbles in the bag. If Alice had 18 marbles then how many marbles were in the bag?**

15. **Sandra makes 5 caps in 3 hours.**

Ruby makes 4 caps in 5 hours.

How many caps can they make in 30 hours if they work at the same rate?

END