

# The 2002 Living Maths Olympiad

## Grade: 3

It's about the stuff in maths and the maths in stuff.

**PLEASE NOTE:**

- Answer the questions according to the instructions on the answer sheet.
- You may NOT use a calculator.
- We hope you enjoy it!

**LET OP ASSEBLIEF:**

- Beantwoord die vrae volgens die instruksies op die antwoordblad.
- Jy mag nie 'n sakrekenaar gebruik nie.
- Ons hoop jy geniet dit!

1. Which number should take the place of the ? to make the following number sentence true?

$$25 + ? = 34$$

- (A) 29                      (B) 11                      (C) 9

1. Watter getal moet die plek van ? neem om die volgende getallesin waar te maak?

$$25 + ? = 34$$

- (D) 32                      (E) 8

2. Find the next number in the pattern below:

1; 5; 9; 13; 17; ?

- (A) 19                      (B) 21                      (C) 23

2. Bepaal die volgende getal in die getallereeks hieronder:

1; 5; 9; 13; 17; ?

- (D) 25                      (E) 27

3. Sami buys a loaf of bread, a block of cheese and a bottle of milk. If she pays for all three items with a R20 note, how much change does she get?



R3,25



R5,95



R4,50

- (A) R13,70                      (B) R8,55                      (C) R459,20                      (D) R20,00                      (E) R6,30

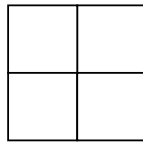
4. Five children ran in a 100m race at school. Look below at the times (measured in seconds) of each child and work out who came third in the race?



JON 15,4	LEN 14,6	BEN 12,3	SIPHO 11,2	THAMI 14,3
----------	----------	----------	------------	------------

- (A) LEN                      (B) THAMI                      (C) JON                      (D) BEN                      (E) SIPHO

5. How many squares are in the figure below?



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

5. Hoeveel vierkante is daar in die figuur hieronder?

6. Sue has 6 oranges more than Carol. If Sue has 27 oranges, how many oranges do they have altogether?



- (A) 33 (B) 50 (C) 48 (D) 21 (E) 162

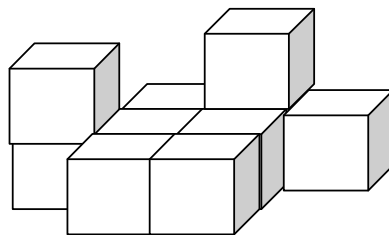
6. Sue het 6 lemoene meer as Carol. As Sue 27 lemoene het, hoeveel lemoene het hulle altesaam?

7. If I have R35,00 and I spend *all but* R6,50 , how much money do I have left?

- (A) R6,50 (B) R28,50 (C) R27,50 (D) R26,50 (E) R35,00

7. As ek R35,00 het en ek spandeer *alles behalwe* R6,50, hoeveel geld het ek oor?

8. How many blocks were used to build this structure?



- (A) 7 (B) 8 (C) 9 (D) 10 (E) 11

8. Hoeveel blokkies is gebruik om die struktuur in die skets hieronder te bou?

9. If today is a Monday, what day will it be 25 days from today ?

- (A)Monday/Maandag (B) Tuesday/Dinsdag (C) Wednesday/Woensdag (D)Thursday/Donderdag (E)Friday/Vrydag

9. As vandag maandag is, watter dag sal dit oor 25 dae vanaf vandag wees?

10. If 3 movie tickets cost R63.00, how much will one *more* ticket cost?



- (A) R166,00 (B) R21,00 (C) R199,00 (D) R84,00 (E) R26,00

10. As drie fliiek kaartjies R63.00 kos, hoeveel sal *nog* 'n kaartjie kos?

11. Larry thinks of a secret number. If he doubles the number, then adds 8 and then divides by 2 the answer is 10. What is his secret number?

- (A) 7 (B) 6 (C) 9 (D) 26 (E) 5

11. Larry dink aan 'n geheime getal. As hy die getal verdubbel, dan 8 by tel en dan deur 2 deel, is die antwoord 10. Wat is sy geheime getal?

12. Lior arranges her coins into a pattern. How many coins will she put down next?



- (A) 8                      (B) 3                      (C) 5                      (D) 9                      (E) 11

13. Mark Shuttleworth paid many millions of dollars to fly into space. How much is one million ?

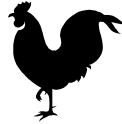


13. Mark Shuttleworth het baie miljoene dollars betaal om na die ruimte te gaan. Hoeveel is een miljoen?

- (A) 1 00 000              (B) 1 000              (C) 1 000 000              (D) 1 0000              (E) 1 000000000

14. A Rooster lays 4 eggs on top of a roof. Which direction will the eggs roll if there is no wind?

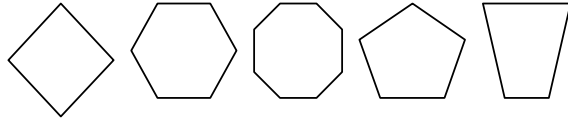
14. A haan le vier eiers bo op 'n dak. In watter rigting sal die eiers rol as daar geen wind is nie?



- (A)      (B)      (C)      (D)      (E) None of these  
Nie een van hierdie nie

15. Which shape is the odd one out?

15. Watter figuur pas nie by die ander nie?



- (A)      (B)      (C)      (D)      (E)

Bonus. R10 can buy \$1. R15 can buy £1. How many \$ can you buy with £4?

Bonus. R10 kan \$1 koop. R15 kan £1 koop. Hoeveel \$ kan jy met £4 koop?

- (A) \$4                      (B) \$5                      (C) \$6                      (D) \$25                      (E) \$14

Papers set by Steve Sherman and translated by Wilhelm Jonker