



PLEASE NOTE:

- Answer the questions according to the instructions on the answer sheet.
- Choose an answer from the possibilities below each problem.
- The teacher may explain the instructions to the learners.
- You may not use a calculator.
- Read the questions carefully!
- We hope you enjoy it!

NEEM KENNIS:

- Beantwoord die vrae deur die instruksies op die antwoordblad te volg.
- Kies 'n antwoord uit die onderstaande moontlikhede na elke probleem.
- Die onderwyser mag die instruksies aan die leersers verduidelik.
- 'n Sakrekenaar mag nie gebruik word nie.
- Lees die vrae aandagtig!
- Geniet dit!

1. Which of the numbers below is the biggest?
Watter van die getalle is die grootste?

- (A) $\frac{1}{4}$ (B) $\frac{2}{4}$ (C) 1 (D) $\frac{99}{100}$ (E) $\frac{7}{8}$

2. Find the next number in the sequence below.
Vind die volgende getal in die reeks hieronder.

4; 7; 10; 13; 16; ?

- (A) 17 (B) 18 (C) 19 (D) 20 (E) 21

3. Zuko loves chocolates. His school has just installed a sweet machine. All the items in the machine cost the same. If Zuko spends R45, he can get 9 items. What does each item cost?
Zuko is mal oor sjokolade. Sy skool het 'n sjokolademasjien opgestel. Al die items in die masjien kos dieselfde. As Zuko R45 spandeer, kan hy 9 items kry. Wat kos elke item?

- (A) R2 (B) R3 (C) R4 (D) R5 (E) R6

4. Which number in place of # will make the number sentence $19 - 9 = \# - 19$ true?
Watter getal sal die # vervang om die getallesin $19 - 9 = \# - 19$ waar te maak?

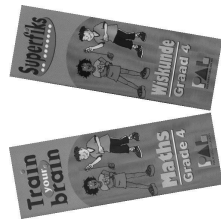
- (A) 29 (B) 10 (C) 19 (D) 9 (E) 39

5. Bella stops reading her book and looks at the page numbers at the bottom of both pages. If their sum is 31, what is the page number on the left?



Bella hou op met lees en kyk na die bladsynommer op al twee bladsye onderaan. As die som daarvan 31 is, wat is die bladsynommer lansaans?

- (A) 16 (B) 15 (C) 30 (D) 29 (E) 32



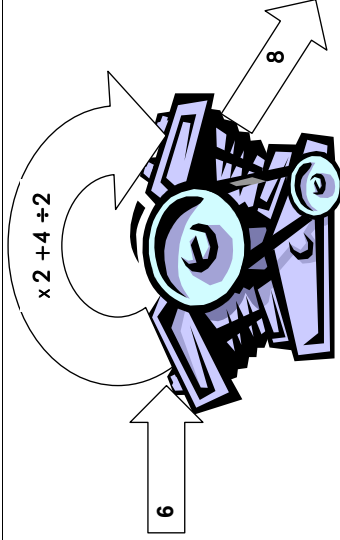
6. A sweet shop charges R5 for a bag of sweets but at the local market, they cost R2 for a bag. You need 8 bags of sweets. How much money would you save if you buy the bags at the market instead of the sweetshop?



'n Lekkergoedwinkel vra R5 vir 'n sak lekkers, maar by die plaaslike supermark kos 'n sak lekkers R2. Jy benodig 8 sakke lekkers. Hoeveel geld sal jy spaar as jy by die supermark koop in plaas van by die lekkergoedwinkel?

- (A) R16 (B) R18 (C) R20 (D) R24 (E) R12

7. If 6 is fed into the number machine, the number that comes out, is 8. If the number that comes out was 12, what was the number fed in?



As 6 in 'n getalmasjien ingevoer word, is 8 die getal wat uitkom. As die getal wat uitkom 12 is, watter getal is ingevoer?

- (A) 20 (B) 14 (C) 23 (D) 12 (E) 10

8. A pattern of tiles is shown on the right. How many tiles are needed for figure 6?
Op die regterkant is teelpatrone uitgepak. Hoeveel teëls word benodig vir figuur 6?

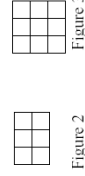


Figure 1



Figure 2



Figure 3

- (A) 14 (B) 9 (C) 12 (D) 15 (E) 18

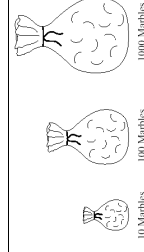
9. I have 54 marbles. I divide them equally into 6 bags. How many marbles in total, will 2 bags contain?



Ek het 54 albasters. Ek verdeel die albasters gelykop in 6 sakkies. Hoeveel albasters sal daar allesaam in 2 sakkies wees?

- (A) 18 (B) 9 (C) 12 (D) 6 (E) 21

10. The following three bags contain blue marbles and one red marble is then added to each bag. Without looking, if you had to pull one marble out of each bag, from which bag would you least likely pull out a red marble?



Die volgende 3 sakke bevat blou albasters en een rooi albaster word in elke sak bygevoeg. Indien jy, sonder om te kyk, uit elke sak 'n albaster moet haal, uit watter sak is die kans die minste om 'n rooi albaster te haal?

- (A) 10 marbles (B) 100 marbles (C) 1000 marbles (D) All of them/AI van hulle (E) Geen van hulle



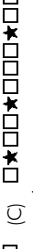

11. If $\spadesuit = \heartsuit$ and $\clubsuit = \spadesuit$ then how many \heartsuit do you need to equal \spadesuit ?

As $\spadesuit = \heartsuit$ en $\clubsuit = \spadesuit$, hoeveel \heartsuit het jy nodig om dit gelyk te maak aan \spadesuit ?

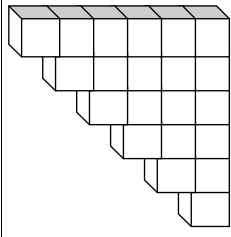
- (A) \spadesuit (B) \clubsuit (C) \heartsuit (D) \spadesuit (E) \clubsuit

12. The following shapes are arranged in a pattern below in the same pattern? Which set of shapes below is arranged in the same pattern?

Die volgende vorms word in die patroon gebruik. Watter van die volgende stel vorms is in dieselfde patroon gebak?

(A)  (B)  (C)  (D)  (E) None of these/Nie een hiervan nie

13. How many blocks are used to build this structure? Hoeveel blokke is gebruik om hierdie struktuur te bou?




(A) 18 (B) 19 (C) 20 (D) 21 (E) 22

14. Which number is halfway between 17 and 23? Watter getal is halfpad tussen 17 en 23?

(A) 18,5 (B) 19 (C) 19,5 (D) 20 (E) 20,5

15. If Rita can buy 20 apples for R16,00. How much will it cost Rita to buy 15 apples? As Rita 20 appels vir R16,00 koop, hoeveel sal dit vir Rita kos om 15 appels te koop?

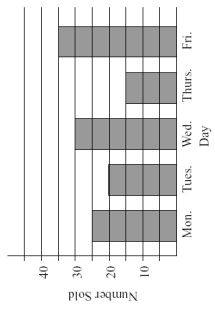


(A) R36,00 (B) R4,00 (C) R12,00 (D) R8,00 (E) R14,50

16. How many odd numbers are there between 20 and 40? Hoeveel onewe getalle is daar tussen 20 en 40?

(A) 10 (B) 20 (C) 15 (D) 19 (E) 8

17. A school sells hotdogs at break. On the right is a graph that describes the number of hotdogs sold for one week. How many hotdogs were sold on Friday?




'n Skool verkoop worsbroodjies tydens pouse. Die grafiek aan die regterkant dui aan hoeveel in een week verkoop is. Hoeveel worsbroodjies is op Vrydag verkoop?

(A) 20 (B) 40 (C) 45 (D) 30 (E) 35

18. Refer to the previous question. How many hotdogs were sold that week at school? Verwys na die vorige vraag. Hoeveel worsbroodjies is gedurende die hele skoolweek verkoop?

(A) 150 (B) 125 (C) 200 (D) 95 (E) 80


19. An aeroplane carrying 150 passengers crash-landed in an empty field. 20 passengers died. Rescuers decided to bury the bodies at the crash site. How many survivors did the rescue team have to bury?



'n Vliegtuig met 150 passasiers aan boord, moes 'n noodlanding in 'n leë veld doen. 20 passasiers is dood. Reddingswerkers het die dooies op die toneel begrawe. Hoeveel oorleewendes is begrawe?

(A) 150 (B) 130 (C) 20 (D) 170 (E) 0

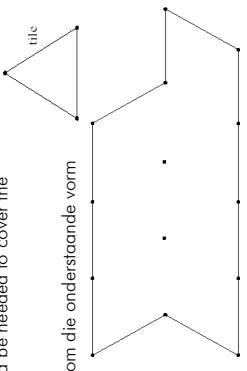
20. After a chess match, the 4 players of the home team shake hands with the 4 players of the away team. Every player shakes hands with every other player only once. How many handshakes take place?



Na 'n skaakwedstryd skud die 4 spelers van die tuisspan hand met die 4 spelers van die besoekende span. Elke speler skud net een keer elke ander speler se hand. Hoeveel handdrukke is uitgedeel?

(A) 12 (B) 20 (C) 16 (D) 24 (E) 8

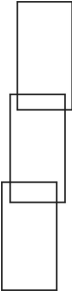
21. The triangle on the right is a single tile. Exactly how many tiles would be needed to cover the shape (below) completely?



Die driehoek aan die regterkant is slegs een teël. Hoeveel teëls is nodig om die onderstaande vorm volledig te teël?

(A) 12 (B) 13 (C) 14 (D) 15 (E) 16

22. How many rectangles are there in the picture below? Hoeveel reghoëke is in die onderstaande skets?



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

23. A show begins at twenty to two and finishes at twenty past two. How long is the show? 'n Vertoning begin om twintig voor twee en eindig om twintig oor twee. Hoe lank is die vertoning?

(A) 1 hour (B) 40 min (C) 30 min (D) 20 min (E) 22 min

24. What is the smallest number that has a remainder of 1 when divided by 2,3 or 4? Wat is die kleinste getal wat 'n res het van 1 wanneer dit deur 2,3 of 4 gedeel word?

(A) 10 (B) 7 (C) 25 (D) 12 (E) 9

25. Look at the following sentence: $9 + \square = 13 - \square$ What is the only number to replace the \square 's to make the sentence true?

Kyk na die volgende getallesin: $9 + \square = 13 - \square$ Wat is die enigste getal waarmee die \square 'e vervang kan word om die getallesin waar te maak?

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