

WISKUNDE TOETS

Kwartaal 1

GRAAD 6

Totaal: 49

Vraag 1 / Question 1:

Bestudeer die getal 859 732 en beantwoord die volgende vrae:

Study the number 859 732 and answer the questions:

1.1 Wat is die waarde van die geonderstreepte syfer?

What is the value of the underlined number? _____ (1)

1.2 Wat is die plekwaarde van die geonderstreepte syfer?

What is the placevalue of the underlined number? _____ (1)

1.3 Skryf die getal in uitgebreide notasie:

Write the number in expanded notation:

_____ (1)

1.4 Skryf die getal in woorde:

Write the number in words:

_____ (1)

1.5 Watter getal is 12000 meer as 859 732?

What number is 12000 more than 859 732?

_____ (1)

Vraag 2 / Question 2:

Rond af: / Round off:

2.1 674 834 tot die naaste vyf:

674 834 to the nearest five: _____ (1)

2.2 R92, 56 tot die naaste 5 sent:

R92, 56 to the nearest 5 cent: _____ (1)

2.3 897 411 tot die naaste 1000:

897 411 to the nearest 1000: _____ (1)

Vraag 3 / Question 3:

Vul in >, < of = / Fill in >, < or =

3.1 677 453 _____ 678 455

3.2 987 653 _____ 900 000 + 80 000 + 7000 + 600 + 50

3.3 $\frac{4}{5}$ _____ $\frac{8}{10}$

3.4 $\frac{3}{5}$ _____ $\frac{2}{10}$ (4)

Vraag 4 / Question 4:

Bereken / Calculate:

4.1 $50 \times 0 =$ _____

4.2 $1989 \times 1 =$ _____

4.2 $32 \times 8 \div 8 =$ _____

4.4 $500 \times 100 =$ _____

4.5 $9000 \div 10 =$ _____

4.6 $(24 \div 6) + (15 \div 3) =$ _____

4.7 $50 + (10 \times 4) =$ _____

4.8 $500 \times 40 =$ _____

(8)

Vraag 5 / Question 5:

Waar of vals? / True or false?

5.1 $2 \times 4 \times 8 = (4 \times 8) \times 2$ _____

5.2 $81 \times 1 = 81$ _____

5.3 $51 + 21 = 21 + 51$ _____

5.4 $24 - 8 = 8 - 23$ _____

5.5 $64 \div 8 = 8 \div 64$ _____

(4)

Vraag 6 / Question 6:

Bereken / Calculate:

6.1 $24\,567 + 44\,521 + 9067$

6.2 $78\,459 + 768 + 23\,453$

(4)

6.3 $55\,123 - 33\,567$

6.4 $1\,000\,000 - 76\,345$

(4)

6.5 a) 'n Musiek winkel het in Januarie 67 898 CD's verkoop, in Februarie 55 342 CD's en in Maart slegs 23 345 CD's. Hoeveel CD's het hulle altesaam verkoop in die 3 maande?

A Music shop sold 67 898 CD's in January, 55 342 CD's in February and only 23 345 in March. How Many CD's did they sell altogether?

(3)

b) Hoeveel CD's het hulle meer verkoop in Februarie as in Maart?

How much more CD's did they sell in February than in March?

(3)

Vraag 7 / Question 7:

Voltooi / Complete:

7.1 365 dae/ 365 days = _____ jaar/year

7.2 1 dekade / 1 decade = _____ jaar/year

7.3 1 uur / 1 hour = _____ minute/minutes (3)

Vraag 8 / Question 8:

Bereken / *Calculate:*

8.1 $\frac{4}{5} + \frac{4}{20} =$

8.2 $\frac{11}{15} - \frac{1}{3} =$

$$8.3 \quad 1\frac{7}{8} + 4\frac{2}{4} =$$

$$8.2 \quad 5\frac{8}{10} - 2\frac{3}{5} =$$

(8)

Totaal: 50

WISKUNDE TOETS

MEMORANDUM

Vraag 1 / Question 1:

Bestudeer die getal 859 732 en beantwoord die volgende vrae:

Study the number 859 732 and answer the questions:

1.1 Wat is die waarde van die geonderstreepte syfer?
What is the value of the underlined number? 800 000 (1)

1.2 Wat is die plekwaarde van die geonderstreepte syfer?
What is the placevalue of the underlined number? 800 000 HD (1)

1.3 Skryf die getal in uitgebreide notasie:
Write the number in expanded notation:
800 000 + 50 000 + 9000 + 700 + 30 + 2 (1)

1.4 Skryf die getal in woorde:
Write the number in words:
Agthonderd nege en vyftigduisend sewehonderd twee en dertig.
Eight hundred and fifty nine thousand seven hundred and thirty two (1)

1.5 Watter getal is 12000 meer as 859 732?
What number is 12000 more than 859 732?

871 732

(1)

Vraag 2 / Question 2:

Rond af: / Round off:

2.1 674 822 tot die naaste vyf:

674 822 to the nearest five: 674 820 (1)

2.2 R92, 56 tot die naaste 5 sent:

R92, 56 to the nearest 5 cent: R92. 60 (1)

2.3 897 411 tot die naaste 1000:

897 411 to the nearest 1000: 897 000 (1)

Vraag 3 / Question 3:

Vul in >, < of = / Fill in >,< or =

3.1 677 453 < 678 455

3.2 987 653 > 900 000 + 80 000 + 7000 + 600 + 50 (2)

3.3 $\frac{4}{5}$ = $\frac{8}{10}$

3.4 $\frac{3}{5}$ > $\frac{2}{10}$

Vraag 4 / Question 4:

Bereken / Calculate:

4.1 $50 \times 0 =$ 0

4.2 $1989 \times 1 = \underline{\underline{1989}}$

4.2 $32 \times 8 \div 8 = \underline{\underline{32}}$

4.4 $500 \times 100 = \underline{\underline{50\ 000}}$

4.5 $9000 \div 10 = \underline{\underline{900}}$

4.6 $(24 \div 6) + (15 \div 3) = \underline{\underline{9}}$

4.7 $50 + (10 \times 4) = \underline{\underline{90}}$

4.8 $500 \times 40 = \underline{\underline{20\ 000}}$

(8)

Vraag 5 / Question 5:

Waar of vals? / True or false?

5.1 $2 \times 4 \times 8 = (4 \times 8) \times 2$ _____ WAAR / TRUE _____

5.2 $81 \times 1 = 81$ _____ WAAR / TRUE _____

5.3 $51 + 21 = 21 + 51$ _____ WAAR / TRUE _____

5.4 $24 - 8 = 8 - 23$ _____ VALS / FALSE _____

5.5 $64 \div 8 = 8 \div 64$ _____ VALS/FALSE _____

(4)

Vraag 6 / Question 6:

Bereken / Calculate:

6.1 $24\ 567 + 44\ 521 + 9067$

24 567	78 459
44 521	23 453
+ 9067	+ 768
<hr/>	<hr/>
78155	102 680

(4)

6.3 55 123 – 33 567

6.4 1 000 000 – 76 345

55 123	1 000 000
- 33 567	- 76 345
<u>21 556</u>	<u>923 655</u>

(4)

6.5 a) 'n Musiek winkel het in Januarie 67 898 CD's verkoop, in Februarie 55 342 CD's en in Maart slegs 23 345 CD's. Hoeveel CD's het hulle altesaam verkoop in die 3 maande?

A Music shop sold 67 898 CD's in January, 55 342 CD's in February and only 23 345 in March. How Many CD's did they sell altogether?

67 898	Hulle het altesaam 146 585 CD's verkoop.✓
55 342 ✓	
+ 23 345	Altogether they sold 146 585 CD's.
<u>146 585</u> ✓	

(3)

b) Hoeveel CD's het hulle meer verkoop in Februarie as in Maart?

How much more CD's did they sell in February than in March?

55 342 ✓	Hulle het 31 997 meer CD's verkoop in Februarie as in Maart.✓
- 23 345	They sold 31 997 more CD's in February than in March.
<u>31 997</u> ✓	

(3)

Vraag 7 / Question 7:

Voltooi / Complete:

7.1 365 dae/ 365 days = 1 jaar/year

$$7.2 \quad 1 \text{ dekade} / 1 \text{ decade} = \underline{10} \text{ jaar/year}$$

$$7.3 \quad 1 \text{ uur} / 1 \text{ hour} = \underline{60} \text{ minute/minutes}$$

Vraag 8 / Question 8:

Bereken / Calculate:

$$8.1 \quad \frac{4}{5} + \frac{4}{20} =$$

$$\frac{4 \times 4}{5 \times 4} + \frac{4}{20}$$

$$\frac{16}{20} + \frac{4}{20}$$

$$\frac{20}{20} = 1 \text{ hele}$$

$$8.2 \quad \frac{11}{15} - \frac{1}{3} =$$

$$\frac{11}{15} - \frac{1 \times 5}{3 \times 5}$$

$$\frac{11}{15} - \frac{5}{15}$$

$$\frac{6}{15}$$

$$8.3 \quad 1\frac{7}{8} + 4\frac{2}{4} =$$

$$5\left(\frac{7+4}{8}\right)$$

$$5\frac{11}{8}$$

$$8.2 \quad 5\frac{8}{10} - 2\frac{3}{5} =$$

$$3\left(\frac{8-6}{10}\right)$$

$$3\frac{2}{10}$$

(49)