**BLOK 8**

**Toets getallenkennis ...... / 15**

**1**

**Onderzoek de deelbaarheid door 2, 4, 5, 10, 25 en 100. ...... / 9**

logo_aankruisen.tif

**a** Zet een kruisje als het getal vooraan deelbaar is door het getal bovenaan. ...... / 6

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| deelbaar  door → | 2 | 4 | 5 | 10 | 25 | 100 |
| 345 676 |  |  |  |  |  |  |
| 852 400 |  |  |  |  |  |  |
| 3 450 |  |  |  |  |  |  |
| 442 786 |  |  |  |  |  |  |
| 84 275 |  |  |  |  |  |  |
| 615 170 |  |  |  |  |  |  |

**b** Bepaal de rest zonder de delingen te maken. ...... / 2

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| delen door → | 4 | 5 |
| 21 753 | r ............... | r ............... |

**c** Vul een cijfer aan op de stip, zodat je een getal krijgt dat deelbaar is door 4. ...... / 1

38 46 **.**

Handig toch, die kenmerken!

Blok08_oefening1_poes.tif

**2**

**Onderzoek de deelbaarheid door 3 en 9. ...... / 6**

logo_aankruisen.tif

**a** Zet een kruisje als het getal vooraan deelbaar is door het getal bovenaan. ...... / 3

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| --- | --- | --- |
| deelbaar  door → | 3 | 9 |
| 46 566 |  |  |
| 825 702 |  |  |
| 215 129 |  |  |

**b** Bepaal de rest zonder de delingen te maken. ...... / 2

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| delen door → | 3 | 9 |
| 52 369 | r ............... | r ............... |

**c** Vul een cijfer aan op de stip, zodat je een getal krijgt dat deelbaar is door 9. ...... / 1

316 27 **.**

Blok08_oefening2_poes.tif

**BLOK 8**

**Toets bewerkingen ...... / 10**

**3**

**Hoofdrekenen: kommagetallen delen door kommagetallen ...... / 6**

**a** Reken uit op een manier die jij handig vindt. Noteer je tussenstappen. ...... / 4

9,6 : 0,08 = ...............................................................................................................................................................

4,8 : 0,006 = ...............................................................................................................................................................

69,3 : 0,7 = ...............................................................................................................................................................

4,08 : 0,8 = ...............................................................................................................................................................

**b** Lees en los op. ...... / 2

Hanne koopt voor 14,40 euro limonade.

1 flesje kost 0,60 euro.

Blok08_oefening3B_Hanne.tif Hoeveel flesjes limonade heeft Hanne in

haar winkelkarretje?

Bewerking: ........................................................................

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Antwoord: .........................................................................

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Blok08_oefening3B_Marthe.tif Op de avondmarkt verkoopt Marthe stuiterballen

voor 0,80 euro per stuk. Die verkoop brengt

29,60 euro op.

Hoeveel stuiterballen heeft Marthe verkocht?

Bewerking: ........................................................................

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Antwoord: .........................................................................

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**4**

**Cijferen: kommagetallen delen door kommagetallen. ...... / 4**

**a** Los op door te cijferen. Maak eerst een schatting. ...... / 2

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| 430,92 : 0,8 = ................................ : ................ |  | 1 252,32 : 3,2 = ................................ : ................ |
| ≈ ................................................................................... |  | ≈ ................................................................................... |

(Deel tot op 0,01 nauwkeurig) (Deel tot op 0,01 nauwkeurig)

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| q ............................................ r ...................... |  | q ............................................ r ...................... |

□ Ik heb mijn uitkomst gecontroleerd.

**b** Controleer het resultaat van de tweede deling (1 252,32 : 3,2) met de omgekeerde ...... / 1

bewerking.

Controle:

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**c** Bepaal de plaats van de komma door te schatten. ...... / 1

6 340,36 : 8,9 ≈ ................................. : ................. = ...................................... → 7 1 2 4

**BLOK 8**

**Toets meten en metend rekenen ...... / 20**

**5**

logo_lijnen_trekken.tif **Verbind wat samen hoort. ...... / 2**

de rentevoet • • de vergoeding die je van de bank krijgt voor een gespaard bedrag

de rente • • het bedrag dat je op je spaarrekening hebt staan

• het percent waarmee je de vergoeding berekent die je van de bank krijgt voor een gespaard bedrag

**6**

logo_ZRM.tif **Kapitaal en interest ...... / 3**

Bereken de interest en het nieuwe kapitaal.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | kapitaal | interestvoet | interest na 1 jaar | nieuw kapitaal |
| bank 1 | € 3 610 | 1,7 % | € ............................... | € ............................... |
| bank 2 | € 1 430 | 2,4 % | € ............................... | € ............................... |

Bereken de interest na 4 maanden.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| kapitaal | interestvoet | interest na 1 jaar | tijd | interest |
| € 31 320 | 1,4 % | € ............................... | 4 maanden | € ............................... |

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**7**

**Vul de maatgetallen in. Je mag een tabel tekenen. ...... / 3**

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417 cl = ........................... dl

14 ml = ........................... cl

275 cl = ........................... l

**8**

logo_omkringen.tif **Schat de inhoud. Omkring het juiste antwoord. ...... / 2**

|  |  |
| --- | --- |
| Een volle tank bevat:  Blok08_oefening8B_tanken.tif  5,5 l  55 l  550 l | Een blikje frisdrank bevat:  Blok08_oefening8B_lemon_blikje.tif  0,33 cl  3,3 cl  33 cl |

**9**

**Lees de antwoorden af van het staafdiagram. ...... / 2**

Lars woont alleen. Hij heeft zijn waterverbruik van afgelopen zaterdag in een staafdiagram bijgehouden. Zo kan hij het vergelijken met het gemiddelde waterverbruik in Vlaanderen.

douche, toilet was afwas tuin schoonmaak koken,

bad drinken

**gebruikt voor**

gemiddeld

Lars

50

45

40

35

30

25

20

15

10

5

0

**liter per persoon**

Blok08_oefening9B_grafiek.tif

Blok08_oefening9B_blokjes_legende.tif

Waarvoor verbruikte Lars minder water dan gemiddeld?

................................................................................................................................................................................................

Waarvoor verbruikte Lars die zaterdag het meeste water? ................................................................................

Blok08_oefening9B_Lars.tif

**10**

**Vul de maatgetallen in. Maak gebruik van de tabel. ...... / 4**

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|  | **m3** | | | **dm3** | | | **cm3** | | |
| 760 dm3 = ............................ m3 |  |  |  |  |  |  |  |  |  |
| 0,25 dm3 = ............................ cm3 |  |  |  |  |  |  |  |  |  |
| 8 m3 36 dm3 = ............................ dm3 |  |  |  |  |  |  |  |  |  |
| 15,3 dm3 = ............................ cm3 |  |  |  |  |  |  |  |  |  |

**11**

logo_omkringen.tif **Schat het volume. Omkring het best passende antwoord. ...... / 2**

|  |  |
| --- | --- |
| Een klaslokaal:  Blok08_oefening11B_klaslokaal.tif  2,1 m3  21 m3  210 m3  2 100 m3 | Een baksteen:  Blok08_oefening11B_baksteen.tif  0,1 dm3  1 dm3  10 dm3  100 dm3 |

**12**

**Bereken het volume van deze ruimtefiguren. ...... / 2**

Blok08_oefening12_balk.tifBlok08_oefening12_kubus.tif

3 dm

2 m

2 dm

8 dm

Formule: ........................................................................ Formule: ........................................................................

Bewerking: .................................................................... Bewerking: ....................................................................

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Volume: ......................................................................... Volume: .........................................................................

**BLOK 8**

**Toets meetkunde ...... / 5**

**13**

logo_tekenen2.tif **Teken de figuren. ...... / 3**

**a** Teken een gelijkvormige figuur waarvan de afmetingen 2 keer zo groot zijn. ...... / 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Teken een gelijkvormige figuur waarvan de afmetingen 2 keer kleiner zijn.

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**b** Teken de figuur over in het vervormde rooster. ...... / 1

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**14**

logo_aankruisen.tiflogo_kleuren.tif **Kleur de figuren die gelijkvormig zijn. ...... / 2**

Vergelijk telkens met de grijze figuur vooraan.

Kruis de eigenschappen aan die gelijk blijven.

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| Blok08_oefening14B_kruis_grijs.tif | Blok08_oefening14B_kruis_wit1.tif  □ hoeken  □ verhoudingen | Blok08_oefening14B_kruis_wit2.tif  □ hoeken  □ verhoudingen | Blok08_oefening14B_kruis_wit3.tif  □ hoeken  □ verhoudingen |

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| Blok08_oefening14B_pijl_grijs.tif | Blok08_oefening14B_pijl_wit1.tif  □ hoeken  □ verhoudingen | Blok08_oefening14B_pijl_wit2.tif  □ hoeken  □ verhoudingen | Blok08_oefening14B_pijl_wit3.tif  □ hoeken  □ verhoudingen |