

LERSKOL KRUISIG

VAK	:	Wiskunde
GRAAD	:	5
DATUM	:	4 Junie 2019
EKSAMINATOR	:	W. Botha R. Heydenrych
MODERATOR	:	E. Preuyt <i>E. Preuyt</i>
INSTRUKSIES:		
		1. Lees elke vraag deeglik deur.
		2. Beantwoord elke vraag.
		3. Skryf met blou pen.
		4. Wys alle bewerkings.
Tyd	:	60 minute
Punte	:	
Leerder Gem	:	%
Gr. Gem	:	%

NAAM: \_\_\_\_\_ GR. 5: \_\_\_\_\_

**AFDLING A: Hoofrekena**

- 1.  $(12 \times 3) + 7 =$  \_\_\_\_\_ (1)
- 2.  $318 \times 0 + 6 =$  \_\_\_\_\_ (1)
- 3. As ek 12 halveer en dan 10 bytei, wat is my antwoord? = \_\_\_\_\_ (1)
- 4.  $414 \times 100 =$  \_\_\_\_\_ (1)
- 5.  $1\ 030 \div 10 =$  \_\_\_\_\_ (1)

**AFDLING B: Heelgetalle**

- 1. Skryf < , > of = in die blokkie:
  - 1.1 138 410  138 401 (1)
  - 1.2  $80 \times 10$    $800 \div 10$  (1)

[2]  
(1)  
(1)

2. Teken die volgende op die telraam.

2.1 31 596

TD	D	H	T	E
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(1)

2.2 934 052

HD	TD	D	H	T	E
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[6]

(1)

3. Skryf of die volgende 'n EWE of ONEWE getal is.

3.1 84 365 =

(1)

3.2 24 322 =

**AFDELING C: Optel en Af trek**

1. Bereken deur enige metode te gebruik.

1.1 8 312 + 1 414

1.2 7 324 - 5 211

1.3 14 782 - 11 241

1.4 78 314 + 72 143

(1)

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(1)

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(1)

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(1)

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(1)

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(1)

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(1)

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(1)

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**AFDELING D: Vermenigvuldiging en Deling**

1. Bereken deur enige metode te gebruik.

1.1  $623 \times 5$

1.2  $912 \times 23$

(1)

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(2)

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1.3  $201 \times 21$

(2)

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2. Bereken deur enige metode te gebruik.

2.1  $R813,00 \div 4$

2.2  $703 \div 11$

(2)

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(1)

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**AFDELING E: Datahantering**

1. Aantal leerders wat sport doen by 'n skool.

SOORT SPORT	AANTAL LEERDERS
Rugby	### ### ### III
Netbal	### ### II
Atletiek	### IIII
Hokkie	### ### III
Krieket	### ### ### ### ###

- 1.1 Hoeveel kinders doen sport? \_\_\_\_\_ (1)
- 1.2 Hoeveel kinders speel rugby? \_\_\_\_\_ (1)
- 1.3 Wat is die gewildste sport? \_\_\_\_\_ (1)
- 1.4 Hoeveel meer kinders doen krieket as atletiek? \_\_\_\_\_ (1)
- 1.5 Hoeveel kinders neem deel aan hokkie en netbal? \_\_\_\_\_ (1)

[5]

**AFDELING F: Tyd**

1. Skryf die digitale tyd oor in woorde.

1.1 06:11:30 = \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(1)

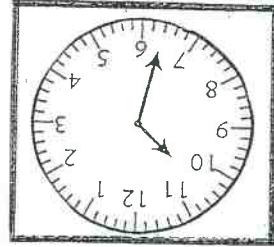
1.2 18:45:00 = \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

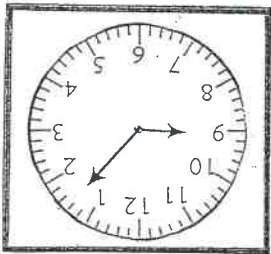
(1)

2. Skryf die tye wat getoon word op die horlosies in digitale tyd vir (nm) namiddag.



2.1

2.2



3. As ek om 07:15:00 begin hardloop en ek maak om 08:04:18 klaar, hoe lank het ek gehardloop?

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(1)

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\_\_\_\_\_

(1)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

[5]

(1)

[7]

3.3  $\frac{6}{3}$    $\frac{8}{12}$  (1)

3.1  $\frac{3}{1}$    $\frac{6}{2}$  (1)  
 3.2  $\frac{15}{10}$    $\frac{50}{10}$  (1)

3. Skryf <, > of = in die blokkie.

2.1  $\frac{6}{3}$  =  (1)  
 2.2  $\frac{20}{4}$  =  (1)

2. Skryf die volgende breuke in sy eenvoudigste vorm neer.

(1)

1.1  $\frac{6}{3}$  van 24 =

2.2  $\frac{10}{2}$  van 120 =

(1)

(1)

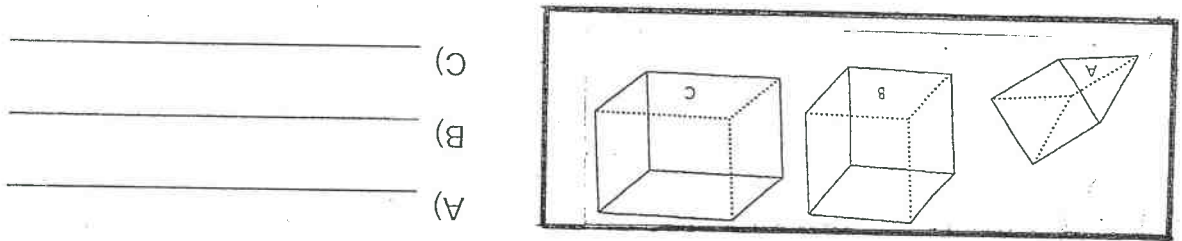
(1)

1. Bereken die volgende:

**AFDELING H: Breuke**

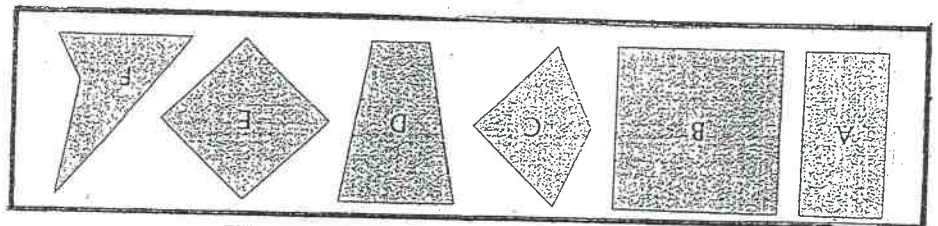
[5]

(3)



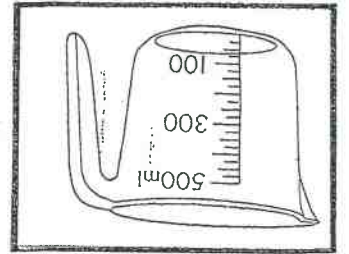
2. Benoem die volgende vorms.

(2)



1. Watter van die volgende vorms het regte hoekes?

**AFDELING G: Vorms**

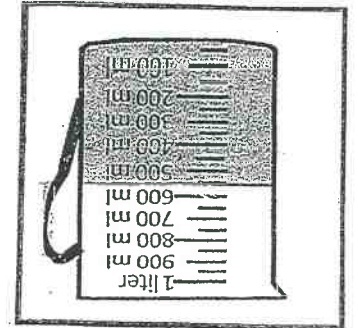


1.3

Indien die beker halfvol sou wees, hoeveel ml sou die inhoud wees?

\_\_\_\_\_

[3] (1)

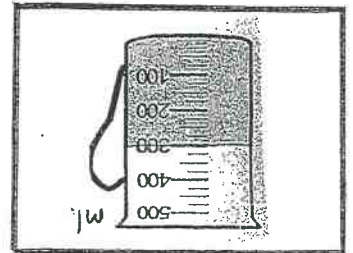


1.2

Hoeveel water is in die beker?

\_\_\_\_\_

(1)



1.1

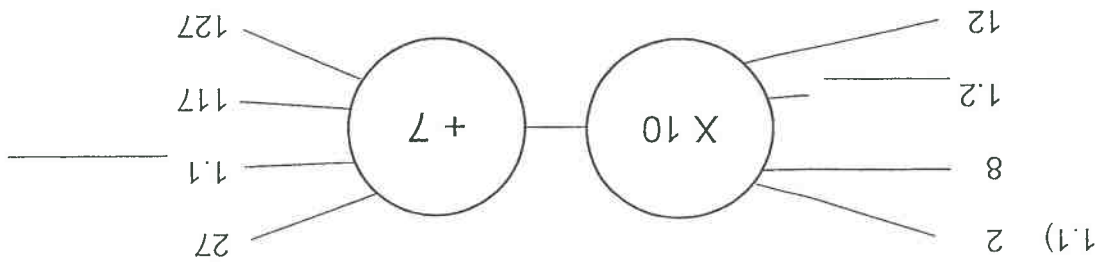
Wat is die kapasiteit van die beker?

\_\_\_\_\_

(1)

**AFDELING J: Kapasiteit en Volume**

**AFDELING I: Getalpatrone**



1.1)

[2] (2)

**AFDELING K: Meetkundige Patrone**

Kyk na die volgende patroon en voltooi die tabel.



1.



2.



3.

Termnommer	1	2	3	4	5
Getal vuurhouities	4	7			

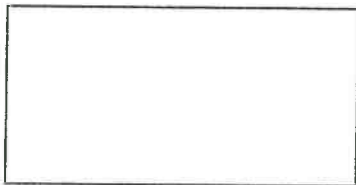
[3]

**AFDELING M: Simmetrie**

Vul in die simmetriese lyn.



1.1



1.2

[2]  
(2)

**AFDELING N: Probleemoplossing**

1. Pieter, Werner en Ethan koop 'n pizza wat 10 stukke het. Pieter eet  $\frac{2}{10}$ , Werner  $\frac{4}{10}$  en Ethan  $\frac{5}{10}$  van die pizza.

1.1 Hoeveel stukke pizza het oorgebly?

(1)

1.2 Hoeveel stukke pizza het Ethan geëet?

(1)

1.3 Hoeveel stukke pizza het Pieter en Werner saam geëet?

(1)

2. 'n Skool koop 30 krieketballe wat saam R3 000 kos.

2.1 Hoeveel kos een bal?

(1)

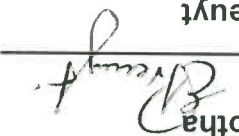
2.2 Hoeveel sal 15 balle kos?

(1)  
[5]

GROOT TOTAAL: [60]



# LAERSKOOI KRUIINSIG

VAK	: Wiskunde				
GRAAD	: 5	Tyd	: 45 minute		
DATUM	: 8 Maart 2019	Punte	:		
EKSAMINATOR	: W. Botha	Leerder Gem	: _____ %		
MODERATOR	: 	Gr. Gem	: _____ %		
<b>INSTRUKSIES:</b>					
1. Lees elke vraag deeglik deur.					
2. Beantwoord elke vraag.					
3. Skryf met blou pen.					
4. Wys alle bewerkings.					

NAAM: \_\_\_\_\_ GR. 5:

## AFDELING A: Hooftreke

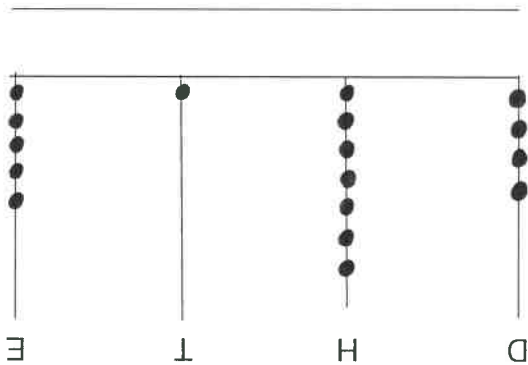
1. Wat is die helfte van 10 vermenigvuldig met die helfte van 12?

2.  $7 + (8 \times 9) =$  \_\_\_\_\_
3.  $12 \times 11 =$  \_\_\_\_\_
4. \_\_\_\_\_ is 200 meer as 1 639.
5.  $72 \div 9 =$  \_\_\_\_\_
6.  $500 \div 10 =$  \_\_\_\_\_
7.  $8 \times 8 =$  \_\_\_\_\_
8.  $1\ 629 + 412 =$  \_\_\_\_\_
9. Wat is 3 keer 9 \_\_\_\_\_
10.  $12 \times 12 \times 0 =$  \_\_\_\_\_

[10]

**AFDELING B: Heelgetalle**

1. Watter getal word deur die telraam voorgestel?



(1)

2. Voltooi die patroon deur die volgende 2 getalle by te voeg.

2.1  $6\ 124; 6\ 129; 6\ 134; 6\ 139; \underline{\hspace{2cm}}$ ;

2.2  $10\ 059; 10\ 070; 10\ 081; \underline{\hspace{2cm}}$ ;

(2)

3. Watter heelgetalle is ewe en watter is onewe getalle? Onderstreep die regte antwoord.

3.1  $6\ 341$  Onewe/Ewe

3.2  $72\ 082$  Onewe/Ewe

3.3  $2\ 099$  Onewe/Ewe

(3)

4. Gee die plek- of getalwaarde van die onderstreepde getal.

4.1  $9\ \underline{4}82 = \underline{\hspace{2cm}}$

4.2  $13\ \underline{8}04 = \underline{\hspace{2cm}}$

(2)  
[10]

**AFDELING C: Getalstrome**

1. Los elke paar getalstrome op deur die oop spasie in te vul.

1.1  $391 + 4 = 200 + \underline{\hspace{2cm}}$

1.2  $59 + \underline{\hspace{2cm}} = 73 + 24$

1.3  $(48 + 12) + 23 = \underline{\hspace{2cm}}$

**AFDELING D: Optel en Aftrek**

1. Bereken deur albei getalle af te trek. (Metode 1).  $2\ 871 + 3\ 804 =$

1. Bereken deur albei getalle af te trek. (Metode 1).

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(2)

2. Bereken deur slegs die 2de getal af te trek. (Metode 2).

$3\ 986 - 576 =$

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(2)

3. Bereken deur die vertikale metode te gebruik.

3.1  $7\ 843 + 2\ 138 =$

3.2  $7\ 843 - 2\ 138 =$

(1)

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3

(1)

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[6]

1.5  $2 \times 12 =$

$6 +$  \_\_\_\_\_

1.4  $39 + (81 - 79) =$

\_\_\_\_\_

[5]

**AFDELING E: Vermenigvuldiging en Deling**

1. Vermenigvuldiging deur getalle af te breek.

$$48 \times 45 =$$

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(2)

2. Vermenigvuldig deur verdubbeling en halvering.

$$16 \times 35 =$$

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(2)

3. Vermenigvuldig deur die vertikale metode te gebruik.

$$3.1 \quad 34 \times 18 =$$
$$3.2 \quad 81 \times 27 =$$

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(2)

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(2)

4. Deel die volgende deur enige metode te gebruik.

4.1  $380 \div 5 =$

4.2  $366 \div 6 =$

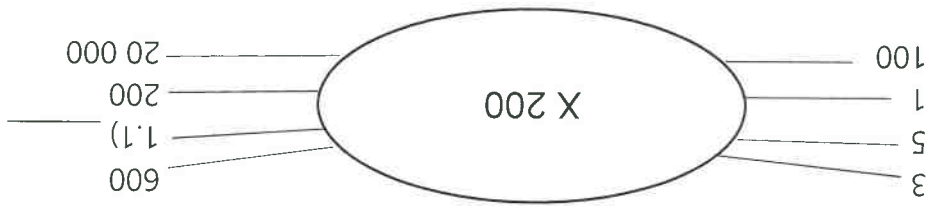
(1) \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_  
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(1) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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 \_\_\_\_\_

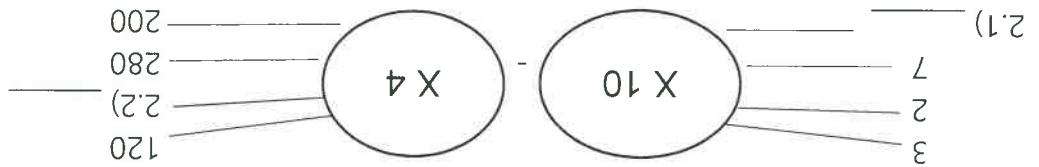
[10]

**AFDELING F: Getalpatrone**

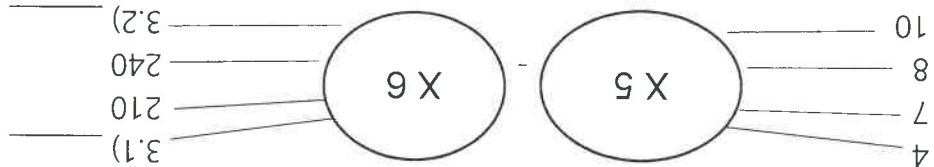
Voltooi al die vloeiagramme hieronder.



(1)



(2)



(2)  
 [5]

**AFDELING G: Probleemoplossing**

1. Koos het 1 943 albasters, Jan vat 38 albasters van Koos en gee dit vir Piet. Piet het Reeds 3 804 albasters gehad.

1.1 Hoeveel albasters het Koos nou oor?

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(1)

1.2 Hoeveel albasters het Piet nou?

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(1)

1.3 Hoeveel het Piet en Koos altesaam?

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(1)

2. Ek en my 7 vriende gaan speel ghoif. Elke speler het 12 balle. Hoeveel balle is daar altesaam? (Onthou **EK** speel ook).

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(1)  
[4]

GROOTTAAAL: [50]