

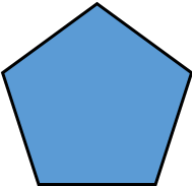
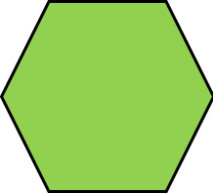
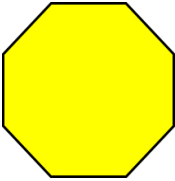
Toets

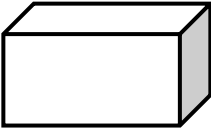
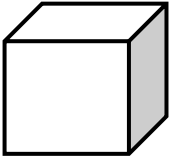
Vraestel 2: 42 punte

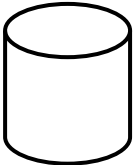
Vraag 1: 2D en 3D vorms eienskappe

18

1.1

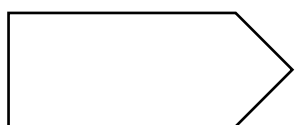
Vorm	Aantal hoeke	Aantal sye
	5	5
	6	6
	8	8

Vorm	Naam	Aantal Rande	Aantal Vlakke
	Reghoekige prisma	12	6
	Kubus	12	6

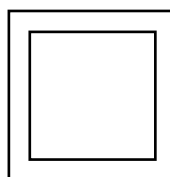
Vorm	Naam	Aantal Rande	Aantal Vlakke
	Silinder	2	3

1.2 Skryf neer hoeveel regte hoeke daar in elke figuur is

2



2

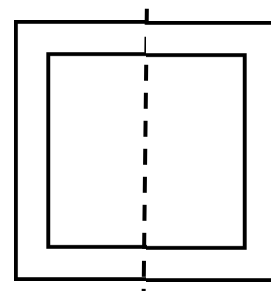
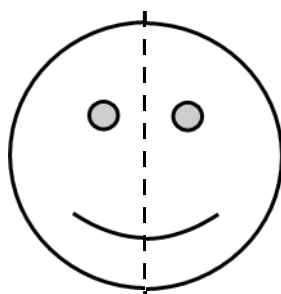
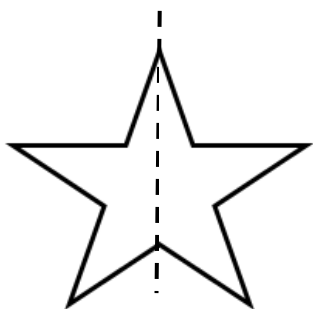


8

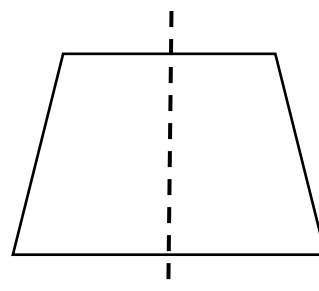
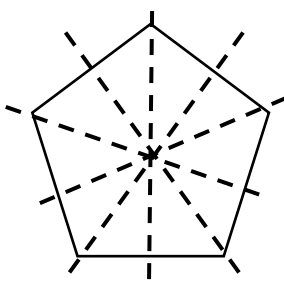
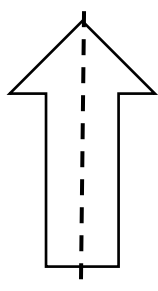
Vraag 3: Simmetrie

6

3.1 Teken die ander helfte van die volgende prente

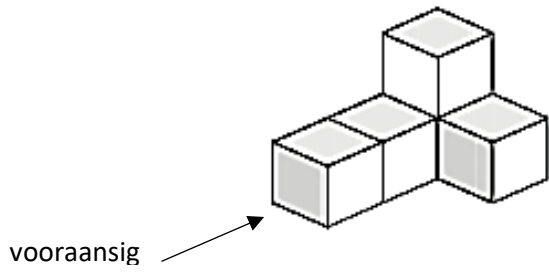


3.2 Teken die simmetrielyne van die volgende voorwerpe:

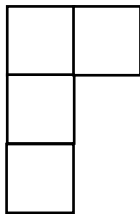


Vraag 4: Aansigte

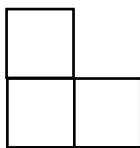
3



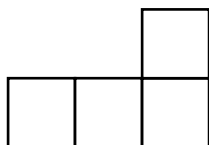
4.1 Teken die bo-aandig van die 3D voorwerp



4.2 Teken die voorkant van die 3D voorwerp



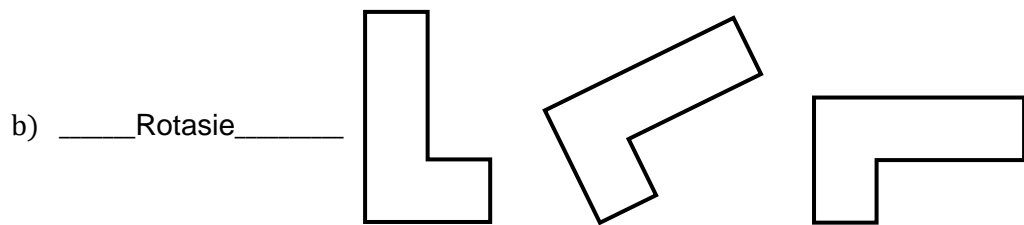
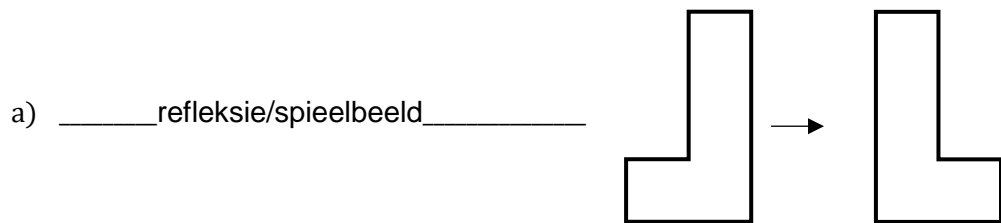
4.3 Teken die regterkant van die 3D voorwerp.



Vraag 4: Transformasies

2

4.1) Kyk na die volgende figure en sê watter tipe transformasie het plaasgevind.
(refleksie, translasie of rotasie)

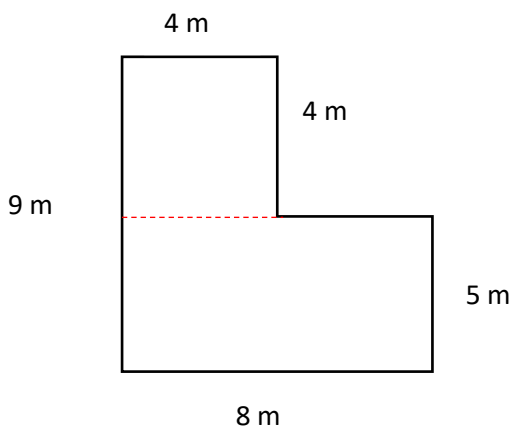


Vraag 5: Omtrek en Oppervlakte

4

5.1 Bereken die omtrek en die oppervlak van die volgende figuur

4



Verdeel vorm in dele

$$\begin{aligned} \text{Omtrek} &= 4 + 4 + 4 + 4 \text{ v} \\ &= 16\text{m} \\ &\text{Of} \\ \text{Omtrek} &= 4 \times 4 \\ &= 16\text{m} \end{aligned}$$






$$\begin{aligned} \text{Oppervlak} &= 8 \times 5\text{v} \\ &= 40\text{m}^2 \end{aligned}$$

(4)

Vraag 6: Posisie en beweging

10

6.1 Figure en vorms word op die rooster aangedui. Beantwoord die vrae wat volg.









	A	B	C	D
1				
2				
3				
4				

6.1.1 Watter vorm is by C2? _____ Silinder _____ 1

6.1.2 Watter vorm is by A1? _____ Sirkel _____ 1

6.1.3 Teken 'n trapesium by D4. _____ 1

6.2 Figure en vorms word op die rooster aangedui. Beantwoord die vrae wat volg.

	A	B	C	D
1				
2				
3				
4				

6.2.1 Skryf die posisie van al die sirkels neer: _____ A1, A3, C2 _____ 3

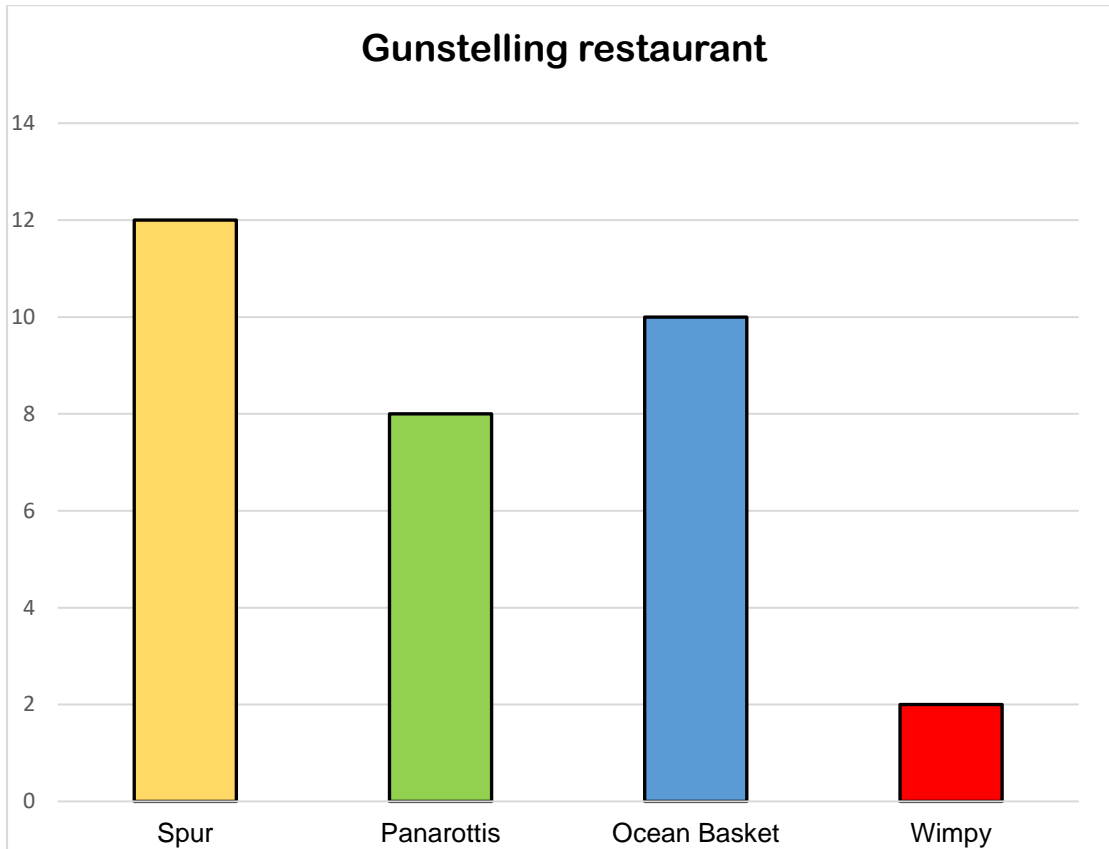
6.2.2 Skryf die posisie van al die reghoeke neer: _____ A4, B1, C4, D2 _____ 4

Vraag 7: Datahantering

5

7.1 Daar is 'n ondersoek gedoen onder die Graad 5 leerders oor hul gunsteling restaurant. Die staafgrafiek hieronder stel hul gunsteling restaurant voor.

Beantwoord die volgende vrae:



7.1.1 Van watter restaurant hou die leerders die meeste?

_____ Spur _____

7.1.2 Hoeveel leerders hou van Panarottis?

_____ 8 _____

7.1.3 Hoeveel meer leerders hou van Spur as Wimpy?

_____ $12 - 2 = 10$ _____

7.1.4 Van watter restaurant hou die leerders die minste?

_____ Wimpy _____

7.1.5 As daar elke dag 5 meer hamburgers verkoop word, hoeveel hamburgers sal teen Vrydag verkoop wees?

17 + 13 + 15 + 7 = 52 hamburgers

(5 x 1 = 5)