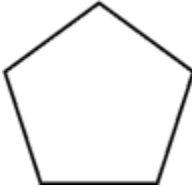
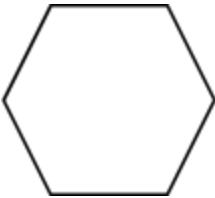
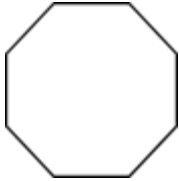


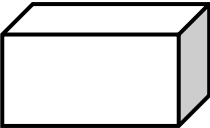
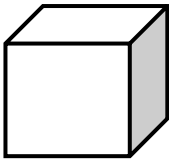
# Toets

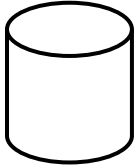
## Vraestel 2: 50 punte

### Vraag 1: 2D en 3D vorms eienskappe

17

| Vorm  | Aantal hoeke | Aantal sye |
|---|--------------|------------|
|    |              |            |
|   |              |            |
|  |              |            |

| Vorm  | Naam | Aantal Rande | Aantal Vlakke |
|---|------|--------------|---------------|
|  |      |              |               |
|  |      |              |               |

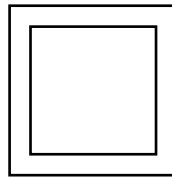
| Vorm  | Naam | Aantal Rande | Aantal Vlakke |
|---|------|--------------|---------------|
|  |      |              |               |

1.2 Skryf neer hoeveel regte hoeke daar in elke figuur is

2



\_\_\_\_\_

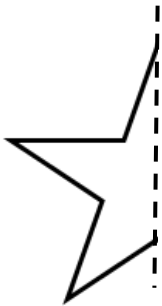


\_\_\_\_\_

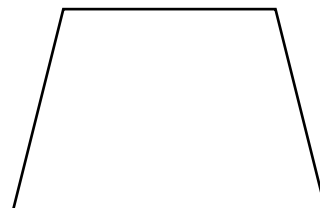
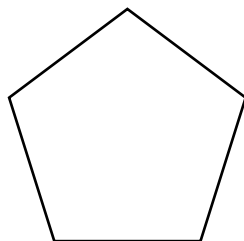
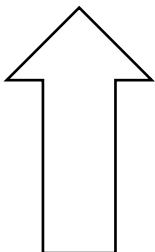
**Vraag 3: Simmetrie**

6

3.1 Teken die ander helfte van die volgende prente

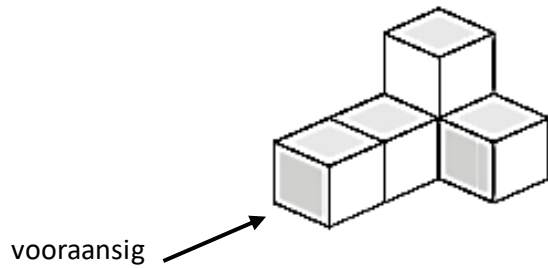


3.2 Teken die simmetrielyne van die volgende voorwerpe:



**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.

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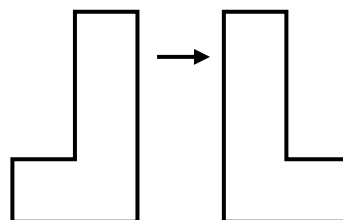
**Vraag 4: Transformasies**

2

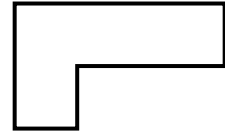
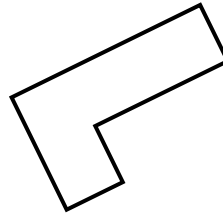
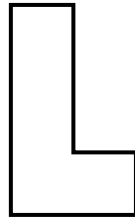
4.1) Kyk na die volgende figure en sê watter tipe transformasie het plaasgevind.

(refleksie, translasie of rotasie)

a) \_\_\_\_\_



b) \_\_\_\_\_

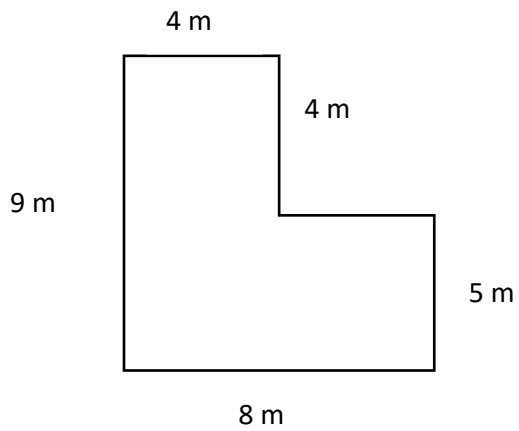


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**Vraag 5: Omtrek en Oppervlakte**

4

5.1 Bereken die omtrek en die oppervlakte van die volgende figuur



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



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







(4)

**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? \_\_\_\_\_ 1  
 6.1.2 Watter vorm is by A1? \_\_\_\_\_ 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 |  |   |  |   |

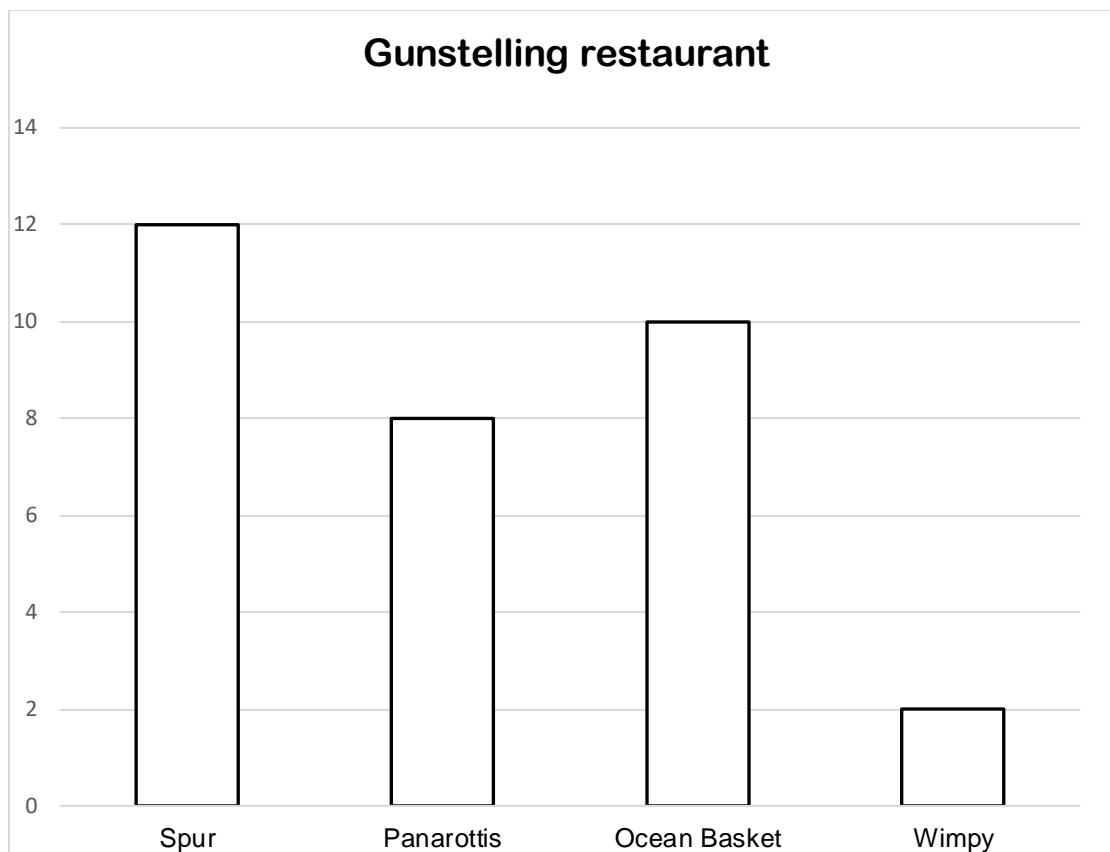
- 6.2.1 Skryf die posisie van al die sirkels neer: \_\_\_\_\_ 3  
 6.2.2 Skryf die posisie van al die reghoeke neer: \_\_\_\_\_ 4

## Vraag 7: Datahantering

7

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

Beantwoord die volgende vrae:



7.1.1 Van watter restaurant hou die leerders die meeste?

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

7.1.2 Hoeveel leerders hou van Panarottis?

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

7.1.3 Hoeveel meer leerders hou van Spur as Wimpy?

\_\_\_\_\_ (2)

7.1.4 Van watter restaurant hou die leerders die minste?

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

7.1.5 Op Maandag word daar 11 hamburgers verkoop. As daar elke dag 5 meer hamburgers verkoop word, hoeveel hamburgers sal teen Vrydag verkoop wees?

\_\_\_\_\_ (2)

(7)

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**Totaal: \_\_\_\_\_/50**