

OEFENPROEFWERK HAVO A DEEL 3 HOOFDSTUK 11 FORMULES EN VARIABELEN

OPGAVE 1

200

200

Teken het gebied waarvoor geldt 11 5.7 541 en +1 52x+ y 53 en x+ y 55

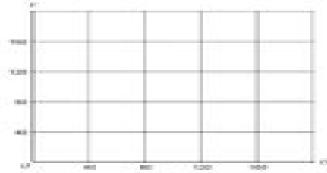
OPGAVE 2

Op een terrein voor stadsuitbreiding is maximaal 120 000 m² beschikbaar voor woningbouw. Er komen twee soorten woningen: dubbelwoningen en vrijstaande villa's. Een dubbelwoning neemt 600 m² in bestag en een vrijstaande villa 750 m². De gemeente wil dat er minstens drie keer zoveel dubbelwoningen komen als vrijstaande villa's. Verder moeten er minstens 75 dubbelwoningen op het terrein worden gebouwd.

Stel dat er // dubbelwoningen worden gebouwd en I' vrijstaande villa's. Uit het bovenstaande volgen drie ongelijkheden, waarvan 600// = 750F si 120000 er den is.







OPGAVE 3

$$Q = \frac{54 - 1.26R}{0.18R} \text{ in de vorm} Q = \omega + \frac{E}{R}$$
Schrijf de formule

$$A = 5 p^{-6.6} \frac{3 p^{-6}}{4 \pi^{-6}}$$

c. De formule
$$\frac{C = \frac{12P - 44}{P}}{P} = \frac{7}{2P}$$
 is to schrijven in de vorm $\frac{C = ap + \frac{a}{P}}{P}$

OPGAVE 4

In een stad zijn 73 500 huishoudens. Er zijn 3 huishoudens met meer dan 2 personen op 4 eenpersoonshuishoudens en er zijn 7 huishoudens met 2 personen op 6 huishoudens met meer dan 2 personen.

Bereken het aantal eenpersoonshuishoudens in deze stad.

Getal En Ruimte Lineaire Verbanden Antwoorden

L. A. Reichard

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Table of Contents Getal En Ruimte Lineaire Verbanden Antwoorden

- 1. Understanding the eBook Getal En Ruimte Lineaire Verbanden Antwoorden
 - The Rise of Digital Reading Getal En Ruimte Lineaire Verbanden Antwoorden
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Getal En Ruimte Lineaire Verbanden Antwoorden
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Getal En Ruimte Lineaire Verbanden Antwoorden
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Getal En Ruimte Lineaire Verbanden Antwoorden
 - Personalized Recommendations
 - Getal En Ruimte Lineaire Verbanden Antwoorden User Reviews and Ratings
 - Getal En Ruimte Lineaire Verbanden Antwoorden and Bestseller Lists
- 5. Accessing Getal En Ruimte Lineaire Verbanden Antwoorden Free and Paid eBooks
 - o Getal En Ruimte Lineaire Verbanden Antwoorden Public Domain eBooks
 - Getal En Ruimte Lineaire Verbanden Antwoorden eBook Subscription Services
 - o Getal En Ruimte Lineaire Verbanden Antwoorden Budget-Friendly Options

- 6. Navigating Getal En Ruimte Lineaire Verbanden Antwoorden eBook Formats
 - o ePub, PDF, MOBI, and More
 - Getal En Ruimte Lineaire Verbanden Antwoorden Compatibility with Devices
 - Getal En Ruimte Lineaire Verbanden Antwoorden Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - o Adjustable Fonts and Text Sizes of Getal En Ruimte Lineaire Verbanden Antwoorden
 - Highlighting and Note-Taking Getal En Ruimte Lineaire Verbanden Antwoorden
 - Interactive Elements Getal En Ruimte Lineaire Verbanden Antwoorden
- 8. Staying Engaged with Getal En Ruimte Lineaire Verbanden Antwoorden
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Getal En Ruimte Lineaire Verbanden Antwoorden
- 9. Balancing eBooks and Physical Books Getal En Ruimte Lineaire Verbanden Antwoorden
 - Benefits of a Digital Library
 - o Creating a Diverse Reading Collection Getal En Ruimte Lineaire Verbanden Antwoorden
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Getal En Ruimte Lineaire Verbanden Antwoorden
 - Setting Reading Goals Getal En Ruimte Lineaire Verbanden Antwoorden
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Getal En Ruimte Lineaire Verbanden Antwoorden
 - Fact-Checking eBook Content of Getal En Ruimte Lineaire Verbanden Antwoorden
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements

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