Oefeningen machten

0.1 Niveau 1

Oefening 1. Bereken:

1. $5^2 = \ldots\ldots$
2. $-5^2 = \ldots\ldots$
3. $(-5)^2 = \ldots\ldots$
4. $(2+3)^2 = \ldots\ldots$
5. $2^2 + 3^2 = \ldots\ldots$
6. $(2+3)^2 - (2^2+3^2) = \ldots\ldots$
7. $\sqrt{5^2} = \ldots\ldots$
8. $\sqrt{(-5)^2} = \ldots\ldots$

Oefening 2. Bereken

1. $2^2 \cdot 2^3 = 2^{\cdots\cdots}$
2. $(2^2)^3 = 2^{\cdots\cdots}$
3. $2^{(2^3)} = 2^{\cdots\cdots}$
4. $\dfrac{2^{1302}}{2^{1299}} = 2^{\cdots\cdots}$
5. $1302^5 \cdot 2^5 = \ldots\ldots^5$

0.2 Niveau 2

Oefening 3. Schrijf zo eenvoudig mogelijk. Stel $x, y, a, b \in \mathbb{R}_0^+$.

1. $\dfrac{\sqrt{a}}{a^5} = \ldots\ldots$
2. $\left(x^6 y^8\right)^{-1/2} = \ldots\ldots$
3. $a^4 b \left(\dfrac{\sqrt{a^2 b^4}}{ab}\right)^3 = \ldots\ldots$

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