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8.2.3
          Gr & Wiskunde | Mathematics
           Eksponente | Exponents
          Eksponentwette / Laws of Exponents
     1. a^{m} \times a^{n} = a^{m+n}

2. a^{m} \div a^{n} = a^{m-n}

* 3. (a^{m})^{n} = a^{m} \times a^{m}

4. a^{n} = a^{m} \times a^{m}

5. a^{-1} = \frac{1}{a}

6. a^{-1} = a^{m} \times a^{m}
                                                              · Klein reenboog somme X
                                                               · Small rainbow calculations X
             Hoekom?
Why? (2^3)^2 = (2^3)(2^3) =
                                                                    (2\times2\times2)(2\times2\times2) = 2^6
         b) (2^{4}q^{2})^{3} = 2^{4\times3}q^{2\times3}
= 2^{12}q^{6}
                                                                             Wag by "voordeur"
                                                                            o Waiting at "front door"
                                                                             maak binne "skoon"
voor jy "mense" inlaat
                                                                            "clean" inside first
before inviting "anyone" in
             (xyz)^2 = \chi^{1\times2}y^{1\times2}z^{1\times2}
= x^2y^2z^2
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