

Exponents, Roots and Scientific Notation

Exercise 1: Find the answers to the following, without using a calculator:

1.1 $5^1 - 9^2 =$

1.2 $6^3 - (-3)^4 + 3^2 =$

1.3 $10^2 - 2^3 - (-2)^2 =$

1.4 $3^2 \left(\frac{5^0}{5^4}\right) =$

1.5 $(-5)^3 + 4^1 - 5^3 =$

1.6 $\frac{1}{6^4} =$

1.7 $(3 - 4)^2 \cdot 1^4 =$

1.8 $10^4 - (-10)^2 =$

1.9 $\frac{4^0 \cdot 3^2}{4^0} - 1^2 =$

1.10 $\frac{2^5 \cdot 6^1 \cdot 2^3}{2^0} =$

1.11

1.12 $10^4 \div 10^1 + (10^2 \times 10^3)$

Grade 8 Exponents Lesson

Scott C. Dulebohn

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the author's name.

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