Curriculum Outcome

(N1) Demonstrate an understanding of powers with integral bases (excluding base 0) and whole number exponents by: representing repeated multiplication using powers; using patterns to show that a power with an exponent of zero is equal to one; solving problems involving powers.

(N2) Demonstrate an understanding of operations on powers with integral bases (excluding base 0) and whole number exponents.

Student Friendly:
"Learning the laws of Exponents"
Simplifying expressions before we try to evaluate them.

Quiz Time



Gess Tomework

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4def, 5abc, 6, 7, 8ab, 9,

10, $\lambda = 1$ 14, $\lambda = 1$ $\lambda = 1$ 19

 $16 \qquad \qquad 3) \ (\chi^{\alpha}) (\chi^{b}) = \chi^{\alpha - b}$

 $4) \left(\chi^{a}\right)^{b} = \chi^{(a)(b)}$

5) $\left(\frac{\chi^a}{y^a}\right)^b = \frac{\chi^{ab}}{y^{ab}}$