Name:_		



Math worksheet on 'Exponents - Power Law (Level 1)'. Part of a broader unit on 'Exponents -Multiplication and Division - Advanced'

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- 2 Find the answer when these terms are multiplied  $10^{-2} \cdot 10^{-2} \cdot 10^{-2} \cdot 10^{-2}$
- Find the answer when these terms are multiplied

$$\mathbf{14}^{-2} \cdot \mathbf{14}^{-2} \cdot \mathbf{14}^{-2} \cdot \mathbf{14}^{-2}$$

- 6 Find the answer when these terms are multiplied

$$6^{-1} \cdot 6^{-1} \cdot 6^{-1} \cdot 6^{-1}$$

$$\begin{bmatrix} \frac{1}{6^{40}} & \frac{1}{6^3} & \frac{1}{6^{400}} \end{bmatrix} \begin{bmatrix} \frac{1}{6^4} & \frac{1}{6^4} \end{bmatrix} \begin{bmatrix} \frac{1}{6^4} & \frac{1}{6^4} \end{bmatrix}$$

- 1 Find the answer when these terms are multiplied  $55^{-3} \cdot 55^{-3} \cdot 55^{-3}$ 

  - 3 Find the answer when these terms are multiplied

$$22^{-1} \cdot 22^{-1} \cdot 22^{-1} \cdot 22^{-1}$$

$$22^{0}$$
  $1$   $22^{3}$   $\frac{1}{22^{3}}$   $\frac{1}{22^{4}}$ 

Find the answer when these terms are multiplied

$$15^{-1}\cdot 15^{-1}\cdot 15^{-1}$$

$$\frac{1}{15^{300}} | 15^0 | \frac{1}{15^3} | \frac{1}{15^2} | 15^2 |$$

7 Find the answer when these terms are multiplied

$$\mathbf{4}^{-1}\cdot\mathbf{4}^{-1}$$