Math worksheet on *'Exponents - Power Law with Composite Base (Positives, Expanded to Exponent) (Level 1)'*. Part of a broader unit on *'Exponents - Power Law - Intro'*

Learn online: app.mobius.academy/math/units/exponents_power_law_intro/

1 Find the answer when these terms are multiplied

$$22^3 \cdot 22^3 \cdot 22^3 \cdot 22^3$$

a	b	c	d	e
22^{120}	22^{14}	$22^{1,200}$	22	22^{12}

2 Find the answer when these terms are multiplied

$$55^3 \cdot 55^3 \cdot 55^3$$

a	b	c	d
55^8	55^9	55^{900}	55^0

3 Find the answer when these terms are multiplied

$$10^3 \cdot 10^3 \cdot 10^3 \cdot 10^3$$

a	b	c	d	e
10^{14}	10	10^7	10^{12}	10^0

4 Find the answer when these terms are multiplied

$$35^3 \cdot 35^3 \cdot 35^3$$

a	b	c	d
35^6	35^{90}	35^7	35^9

5 Find the answer when these terms are multiplied

$$49^2 \cdot 49^2 \cdot 49^2 \cdot 49^2$$

a	b	c
49^7	49^6	49^8

6 Find the answer when these terms are multiplied

$$15^2 \cdot 15^2 \cdot 15^2 \cdot 15^2$$

a	b	c	d
15^7	15^8	15^9	15^{80}

7 Find the answer when these terms are multiplied

$$9^2 \cdot 9^2 \cdot 9^2$$

a	b	c	d	e
9^{600}	9^{60}	9^7	9^5	9^6

