mobius

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

Learn online:

app.mobius.academy/math/units/exponents_negatives_fractions_and_power_law/

1 Find the answer when this term is raised to its exponent

$(25^5)^3$

a 25^8 **b** 25^{15} **c** 25^{12}

d 25^0 **e** $25^{1,500}$

2 Find the answer when this term is raised to its exponent

$(25^3)^3$

a 25^{10} **b** 25^0 **c** 25^7

d 25^8 **e** 25^9

3 Find the answer when this term is raised to its exponent

$(14^2)^4$

a 14^7 **b** 14^8 **c** 14^0

d 14^9 **e** 14^6

4 Find the answer when this term is raised to its exponent

$(35^3)^3$

a 35^6 **b** 35^0 **c** 35^9

d 35^{900}

5 Find the answer when this term is raised to its exponent

$(35^2)^2$

a 35^3 **b** 35^4 **c** 35^0

6 Find the answer when this term is raised to its exponent

$(35^2)^3$

a 35^{600} **b** 35^7 **c** 35^0

d 35^6

7 Find the answer when this term is raised to its exponent

$(4^2)^4$

a 4^6 **b** 4^0 **c** 4^7

d 4^8