



Exponents - Power Law with Prime Base (Positives, Exponent with Power to Exponent)

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|---|---|--|------------------------------|---|---|---|-------------------------------|
| <p>1 Find the answer when this term is raised to its exponent</p> $(11^3)^3$ | <p>A 11^0</p> <p>D 11^9</p> | <p>B 11^6</p> <p>E 11^{10}</p> | <p>C 11^7</p> | <p>2 Find the answer when this term is raised to its exponent</p> $(2^3)^2$ | <p>A 2^{60}</p> <p>D 2^7</p> | <p>B 2^{600}</p> <p>E 2^5</p> | <p>C 2^6</p> |
| <p>3 Find the answer when this term is raised to its exponent</p> $(3^3)^3$ | <p>A 3^{10}</p> <p>D 3^6</p> | <p>B 3^9</p> | <p>C 3^7</p> | <p>4 Find the answer when this term is raised to its exponent</p> $(5^5)^3$ | <p>A 5^8</p> <p>D 5^{13}</p> | <p>B 5^{15}</p> | <p>C 5^{17}</p> |
| <p>5 Find the answer when this term is raised to its exponent</p> $(3^2)^2$ | <p>A 3^{400}</p> <p>D 3^4</p> | <p>B 3^0</p> | <p>C 3^3</p> | <p>6 Find the answer when this term is raised to its exponent</p> $(3^2)^3$ | <p>A 3^4</p> <p>D 3^0</p> | <p>B 3^6</p> <p>E 3^7</p> | <p>C 3^5</p> |
| <p>7 Find the answer when this term is raised to its exponent</p> $(7^3)^3$ | <p>A 7^9</p> <p>D 7^6</p> | <p>B 7^{900}</p> | <p>C 7^{10}</p> | <p>8 Find the answer when this term is raised to its exponent</p> $(11^5)^4$ | <p>A 11^{18}</p> <p>D 11^{17}</p> | <p>B 11^{19}</p> <p>E 11^{20}</p> | <p>C 11^{21}</p> |