

Introduction to Index Laws

Write a number in each box. Every whole number from 1 to 24 should eventually appear. As you enter an answer, cross off the number in the list below.

¹ $7^5 \times \square^2 = 7^7$	⁹ $6^2 - 5^2 = \square$	¹⁷ $2^4 + 1 = \square$
² $3^4 = \square^2$	¹⁰ $23^1 = \square$	¹⁸ $6^0 = \square$
³ $2^2 \times 3 = \square$	¹¹ $\square^2 = 361$	¹⁹ $2 \times 3^2 = \square$
⁴ $2^3 \times 2^5 = 2^{\square}$	¹² $3^7 \times 3^7 \times 3^7 = 3^{\square}$	²⁰ $2^3 \times 2^5 \times 2^7 = 2^{\square}$
⁵ $2^3 \times 3 = \square$	¹³ $3 \times 3 \times 3 \times 3 = 3^{\square}$	²¹ $2^2 + 3^2 = \square$
⁶ $\square^2 = 100$	¹⁴ $2^1 \times 3^1 = \square$	²² $\square^2 \times 2^2 = 100$
⁷ $2^1 \times 11^1 = \square$	¹⁵ $\square^3 = 8$	²³ $2^4 = \square$
⁸ $2^2 \times 5 = \square$	¹⁶ $\square^2 = 9$	²⁴ $14 = \square^1$

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

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