

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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