

Law 1:

Example: $2^3 \times 2^4 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 = 2^7$

$$x^a \times x^b = x^{a+b}$$

Law 2:

Example: $3^6 \div 3^4 = \frac{3 \times 3 \times 3 \times 3 \times 3 \times 3}{3 \times 3 \times 3 \times 3} = 3^2$

$$x^a \div x^b = x^{a-b}$$

$$\frac{x^a}{x^b} = x^{a-b}$$

Preview from Notesale.co
Page 1 of 2