

Indices Formula

1.
$$a^m \times b^m = (ab)^m$$

$$2. \quad \frac{a^m}{b^m} = \left(\frac{a}{b}\right)^m$$

3.
$$a^m \times a^n = a^{m+n}$$

4.
$$\frac{a^m}{a^n} = a^{m-n}$$

5.
$$(a^m)^n = a^{mn}$$

6.
$$a^0 = 1$$

$$a^{-1} = \frac{1}{a}$$