

Mapia

B3

$$a^{\frac{b}{c}} = \sqrt[c]{a^b}$$

$$\text{w.g. } 8^{\frac{2}{3}} = \sqrt[3]{8^2} = \sqrt[3]{64} = 4$$

$$4^{\frac{3}{2}} = \sqrt[2]{4^3} = \sqrt[2]{64} = 8$$

$$2^{\frac{4}{2}} = \sqrt[2]{2^4} = \sqrt[2]{16} = 4$$