

حل :

$$1) 2^{\frac{3}{5}} = \sqrt[5]{2^3} = \sqrt[5]{8}$$

$$2) 7^{\frac{2}{3}} = \sqrt[3]{7^2} = \sqrt[3]{49}$$

$$3) \left(\frac{3}{2}\right)^{\frac{1}{6}} = \sqrt[6]{\frac{3}{2}}$$

$$4) \left(2\frac{4}{3}\right)^{\frac{3}{8}} = \sqrt[8]{\left(2\frac{4}{3}\right)^3} = \sqrt[8]{\left(\frac{10}{3}\right)^3} = \sqrt[8]{\frac{1000}{27}}$$