

Simplify

$$\oplus 16^{\ominus \frac{3}{4}}$$

$$\rightarrow \frac{1}{16^{\frac{3}{4}}}$$

$$\rightarrow \frac{1}{(\sqrt[4]{16})^3}$$

$$\rightarrow \frac{1}{2^3} \rightarrow \frac{1}{8}$$

$$\ominus 16^{-\frac{3}{4}}$$

$$\rightarrow - \frac{1}{16^{\frac{3}{4}}} \rightarrow - \frac{1}{(\sqrt[4]{16})^3}$$

$$\rightarrow - \frac{1}{8}$$

$$\ominus 16^{-\frac{3}{4}}$$

$$\rightarrow \frac{1}{(-16)^{\frac{3}{4}}} \rightarrow \frac{1}{(\sqrt[4]{-16})^3}$$

not real