**Complete the following table.**

$\sqrt[6]{64^5}$ $(\sqrt[6]{64})^5$ $(64^5)^{\frac{1}{6}}$ $(64^{\frac{1}{6}})^5$

$(p^{\frac{1}{7}})^5$ $\sqrt[7]{p^5}$ $(\sqrt[7]{p})^5$ $(p^5)^{\frac{1}{7}}$

| $a^{\frac{m}{n}}$ | $(a^m)^{\frac{1}{n}}$ | $(a^{\frac{1}{n}})^m$ | $\sqrt[n]{a^m}$ | $(\sqrt[n]{a})^m$ |
|---|---|---|---|---|
| $64^{\frac{5}{6}}$ | | | | |
| $p^{\frac{5}{7}}$ | | | | |
| $\left(\frac{81}{625}\right)^{\frac{3}{4}}$ | | | | |

$\left[\left(\frac{81}{625}\right)^{\frac{1}{4}}\right]^3$ $\left(4\sqrt{\frac{81}{625}}\right)^3$ $\sqrt[4]{\left(\frac{81}{625}\right)^3}$ $\left[\left(\frac{81}{625}\right)^3\right]^{\frac{1}{4}}$