1.   Write each power as a radical then evaluate. **(6)**

   a) $25^{\frac{1}{2}}$ b) $(-64)^{\frac{1}{3}}$ c) $81^{0.25}$

2.   Write each radical as a power. **(2)**

   a) $\left(\sqrt[4]{25}\right)^3$ b) $\left(\sqrt{-3.6}\right)^5$

3.   Write each power as a radical then evaluate. **(4)**

   a) $16^{\frac{5}{4}}$ b) $\left(\frac{36}{49}\right)^{\frac{3}{2}}$

4.   Write each power with a positive exponent. **(2)**

   a) $\left(\frac{1}{3}\right)^{-2}$ b) $\left(\frac{-5}{4}\right)^{\frac{-3}{2}}$

5. First, write each power with a positive exponent. At this point, write each power as a radical then evaluate. **(6)**

a) $\left(\dfrac{9}{4}\right)^{\frac{-5}{2}}$

b) $\left(\dfrac{16}{81}\right)^{\frac{-3}{4}}$

☺ **GOOD LUCK!!!** ☺