60. \[ \sqrt[4]{81} = \sqrt[4]{(3)^4} = 3 \]

64. \[ \sqrt[4]{-81} \] is **not a real #**  
   (since any real # raised to the 4th power is non-negative)

70. \[ \sqrt[4]{10,000} = -\sqrt[4]{10^4} = -10 \]

72. \[ \sqrt[5]{32} = \sqrt[5]{2^5} = 2 \]