$$\sqrt[3]{4^{\times}} = \left(\frac{1}{8}\right)^{5-X} \qquad \text{Mak common bases}.$$

$$\sqrt[3]{2^{2\times}} = \left(\frac{1}{2^{3}}\right)^{5-X} \qquad e \approx 2.718$$

$$\sqrt[2^{2\times}]{3} = \left(2^{-3}\right)^{5-X} \qquad 2e^{2} \cdot e^{5} = 2e^{7}$$

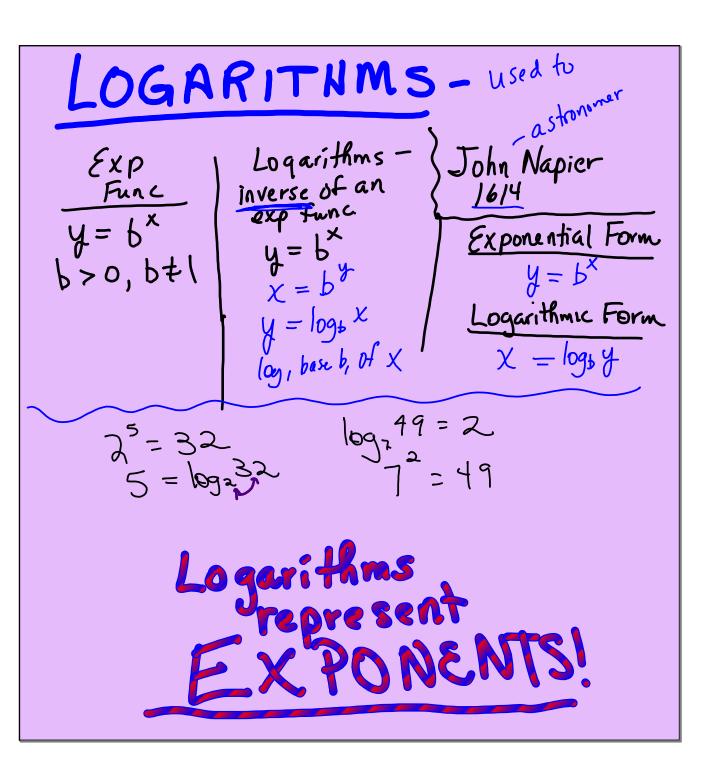
$$\sqrt[2^{3}]{3} = \sqrt{15+3} \times \sqrt{2}$$

$$\sqrt[3^{3}]{3} = \sqrt{15+3} \times \sqrt{2}$$

$$\sqrt[3^{3}]{3} = -15+3 \times \sqrt{2}$$

$$\sqrt[3^{3}]{3} = -45+9\times \sqrt{2}$$

$$\sqrt[3^{3}]{45} = \sqrt{2}$$



$$\frac{5^{3}=125}{3=\log_{5}/25} \qquad |\log_{6} 36=\log_{6} 6^{2}=2 \qquad |\log_{10} 8| \log_{10} 5^{2} | \log_{10} 3^{2} |$$

Common Logs
$$\log_{10} x = \log x$$

$$\log_{10} x = \log_{10} x$$

$$\log_{10} \log_{10} x = \log_{10} x$$

$$\log_{10} \log_{10} \log_{10} x = 3$$

$$\log_{10} \log_{10} \log_{10} x = -2$$

$$\log_{10} \log_{10} x = 3$$

$$\log_{10} x = 3$$

