

Name

key

Date

Hour

Section 9.2 Intro - DAY 1
Alg 2 Trig G Notes



How do we solve an equation like: $2^x = 64$

We are really asking ourselves.....

What Exponent Goes On 2 to get 64?

$$\text{WEGO}_2 64 = \underline{6}$$

Examples:

1) $\text{WEGO}_3 9 = \underline{2}$

2) $\text{WEGO}_{10} 1000 = \underline{3}$

3) $\text{WEGO}_5 3125 = \underline{5}$

4) $\text{WEGO}_2 1024 = \underline{10}$

5) $\text{WEGO}_7 343 = \underline{3}$

6) $\text{WEGO}_6 36 = \underline{2}$

7) $\text{WEGO}_4 16384 = \underline{7}$

8) $\text{WEGO}_{11} 14641 = \underline{4}$

9) $\text{WEGO}_9 6561 = \underline{4}$

10) $\text{WEGO}_8 512 = \underline{3}$