

2/16

Do NOW

① Expand $\log_3(9 \cdot 81)$
w/ the correct property

② Sum of 3 consecutive ^{even} numbers
is 48. What is the smallest?

$$x + x + 2 + x + 4 = 48$$

$$3x + 6 = 48$$

$$-6 \quad -6$$

$$3x = 42$$

$$x = 14$$

$$14 + 16 + 18 = 48$$

TLW Analyze + graph exponential
+ logarithmic graphs

Practice

① $\log_4(2x+4) = 3$

② Evaluate $\log_{125} 5$

③ Convert to logarithmic form $7^{-2} = \frac{1}{49}$