Name _____   Date _____

Year Group _____

Grab the numbers to move them to create equivalent logarithm

1. $3 * 3 * 3 * 3 = 3^4 = 81 \Rightarrow log\_\_\_\_\_ = \_\_\_\_$

Grab the numbers to move them to create equivalent logarithm

2. $log_2 8 = 3 \Rightarrow \_\_\_\_ * \_\_\_\_ * \_\_\_\_ = \_\_\_- = \_\_\_\_$

Fill out the logarithmic equations to make them true

3. $log_5 25 = \_\_\_\_$

4. $log_3 \_\_\_\_ = 2$

5. $log_5 1 = \_\_\_\_$

Drag the numbers to the correct spot to create a logarithmic equation and fill out the exponential equation

6.   4   2   16

$log \_ \_\_\_ = \_\_\_$ $\_\_\_- = \_\_\_$

7.
         8   0   1

$log \_ \_\_\_ = \_\_\_$ $\_\_\_- = \_\_\_$

8.
         9   1   9

$log \_ \_\_\_ = \_\_\_$ $\_\_\_- = \_\_\_$