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

$log __ ____ = ____$ $____^{__} = ____$

LIVEWORKSHEETS