**4.6 – Logarithmic and Exponential Equations**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per:\_\_\_\_\_

SWBAT: 1. Solve Logarithmic equations using properties of logs. 2. Solve exponential equations

Ex.1 – Solve 

Ex.2 – Solve 

Ex.3 – Solve 4x – 2x – 12 = 0

Ex.4 : Solve 2x = 5

Ex.5 : Solve 8(3x) = 5

Ex.6 : Solve 5x – 2 = 33x + 2

Ex.7 : Solve x + ex = 2 using a graphing utility