Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

**10.6A Writing Scientific Notation\_Classwork**

*Objective: Write numbers in scientific notation to be able to perform operations in sci. not. (8.EE.4)*

*HW: (10.6) p. 446 #3 – 19 odd (check solutions on p. A41)*

**Warm up**

|  |  |
| --- | --- |
| 1. Simplify $\frac{1}{7^{5}} ∙ \frac{1}{7^{-3}}$ | 2. Evaluate 7 ∙ 4-1 + 10 |

SCIENTIFIC NOTATION

X 10

 FACTOR POWER OF 10

 Your factor should be somewhere in this region

[**https://www.youtube.com/watch?v=Dme-G4rc6NI**](https://www.youtube.com/watch?v=Dme-G4rc6NI) start at 6:00

EXAMPLES FROM VIDEO. Write the following numbers in SCIENTIFIC NOTATION

|  |  |
| --- | --- |
| 1. 3,749,000,000
 | 1. 0.00005269
 |
|  3) 813,000,000,000,000 |  4) 0.0000000214 |



WRITE THE NUMBER IN SCIENTIFIC NOTATION

|  |  |  |
| --- | --- | --- |
| 1. 50,000
 | 1. 25,000,000
 | 1. 683
 |
| 1. 0.005
 | 1. 0.00000033
 | 1. 0.000506
 |





