

Name Key  
Mrs. Roumbos

Date \_\_\_\_\_  
SR Period \_\_\_\_\_

#11

### Homework

Directions: For questions 1 through 6, write each number in scientific notation. **SCI**

1. ~~0.005~~  
 $5 \times 10^{-3}$

2. ~~61713~~  
 $6.1713 \times 10^4$

3. ~~874~~  
 $8.74 \times 10^2$

4. 0.00063  
 $6.3 \times 10^{-4}$

5. ~~23,009,040~~  
 $2.300904 \times 10^7$

6. 0.99714  
 $9.9714 \times 10^{-1}$

Directions: For questions 7 through 12, write each number in standard form. **FLO**

7.  $3.06 \cdot 10^4 \rightarrow$   
30,600

8.  $4.00902 \cdot 10^6 \rightarrow$   
4,009,200

9.  $1.87 \cdot 10^{-5} \leftarrow$   
0.0000187

10.  $9.634 \cdot 10^3 \rightarrow$   
9,634

11.  $7.208 \cdot 10^{-8} \leftarrow$   
0.00000007208

12.  $6.2 \cdot 10^{-5} \leftarrow$   
0.000062