

Name: _____ Pd: _____ Date: _____

Scientific Notation Practice Astronomy

Directions: For each of the following, convert the value given to scientific notation or remove the value from scientific notation. No calculators! (That's cheating). Use the strategies that were discussed in class to help you. Round all scientific notation conversions to 3 decimal places.

1) $69.875 =$

2) $100000000000 =$

3) $4.56 \times 10^{-11} =$

4) $4560300000000 =$

5) $.00004567 =$

6) $6.221 \times 10^7 =$

7) $700800000 =$

8) $00.0004500 =$

9) $8908 =$

10) $3.9991 \times 10^1 =$

11) $.01123 =$

12) $611.0045 =$

13) $.0000000000001 =$

14) $14.1111111 =$

15) $.00300030 =$

16) $6700000000000000 =$

17) $7.411 \times 10^9 =$

18) $68.999999 =$

19) $.6555532 =$

20) $321349500500 =$

21) $3.666 \times 10^{15} =$

22) $222222.654 =$

23) $9000000000000000000000 =$

24) $645320000000 =$

25) $5.7655 \times 10^{-1} =$

26) $1.000 \times 10^1 =$
