

CHEMISTRY
WORKSHEET 1p.

Name: _____

1. Write each of the following in standard scientific notation:

a) .000642

c) 857.01

b) 3,073

d) .000184

2. Write each of the following in ordinary decimal notation:

a) 5.26×10^4

b) 7.812×10^{-10}

c) 6×10^5

d) 153×10^{-5}

3. How many significant figures are there in each of the following?

a. 62782×10^{-10}

d. 51×10^8

b. 8.01×10^{-12}

e. 177.5018

c. 0.007370

f. 16.00

4. Round off each of the following as specified:

0.0003974 to 2 significant figures

85592 to 3 sig. figs.

5.97265535 to 4 sig. figs.