	/19/2005 (Thursday) Scientific Notation/ Sig Figs/ Conversions ned: 8/16/2005 (Tuesday)
1)	Put these numbers into scientific notation: a) 4, 560,000 b) 0.000012
2)	How many significant figures do these have:
	a) 6,001
	b) 4,000,000
	c) 8.897 x 103
	d) 0.00304
	e) 2100.0
3)	Do the following operations, giving answers with the correct number of significant figures:
	a) 3,010 x 3.4 =
	b) 120.2 – 4.567 =
	c) 45.06 + 12 =
	d) 6,000 ÷ 2.002 =
4)	Convert the following, showing all work (must be done as we did in class):
	a) 34.2 inches to feet
	b) 4.21 miles to meters
	c) 60 miles/hour to meters/second
5)	When you eat vegetables, you are eating like a . When you eat meat, you are

eating like a \_\_\_\_\_. Because you eat both, you are actually a \_\_\_\_\_.

\_\_\_\_\_, animals are known as \_\_\_\_\_\_.

Fungi (who break down organic matter) are called \_\_\_\_\_\_. Plants are known as