

Block 5 Unit 8 8/29

Study notes, text, HW, quizzes, lab

Safety fire, evac., lock down/out

emergency phone # is zero

joystles

horse play? No

units table

	MKS	Cgs	US
l			
mass			
time			

SI prefixes, symbols, power of 10

Two types of measurements

Q _____

Q _____

measurements = _____ x _____

accuracy v. precision

unit standards

Conversions

$$a \cdot 1 = a$$

do the unit arith.

sig figs rules state use

5. Trailing zeroes before decimal maybe sig

1000	1.000×10^3	4 sf
	1.00×10^3	3 sf
	1.0×10^3	2 sf
	1×10^3	1 sf

exponential notation $n \times 10^a$ 2×10^3
 0.2×10^4

engineering not $n \times 10^a$ where a is a multiple of 3

$$2 \times 10^3$$

$$200 \times 10^3$$

(strict) scientific notation $n.nn \times 10^a$

fractions, exponential,
 sep. of variables, long division
 simul. eq