How to estimate when measuring

EHS CA3mIs+ry
Mr. Genest



Name Date

visit http:genest.weebly.com

## Announcements:

Our first big test is Thursday, September 24, 2015

Memorize twenty elements total by Friday September 18, 2015

1. Calculate the volume of a block that is 0.00371cm x 0.044cm x 0.68cm

MULTIPLYING ROUND to 0.0001110032 & 0.00011 cm3

RULE two sig tigs

2. What is the perimeter of a rectangle that is 2.008cm x 5.4cm?\*\*

Round to the tenths 14.816 \$214.8 cm

For each of the following, write the scale reading, then the number of significant figures in the reading.

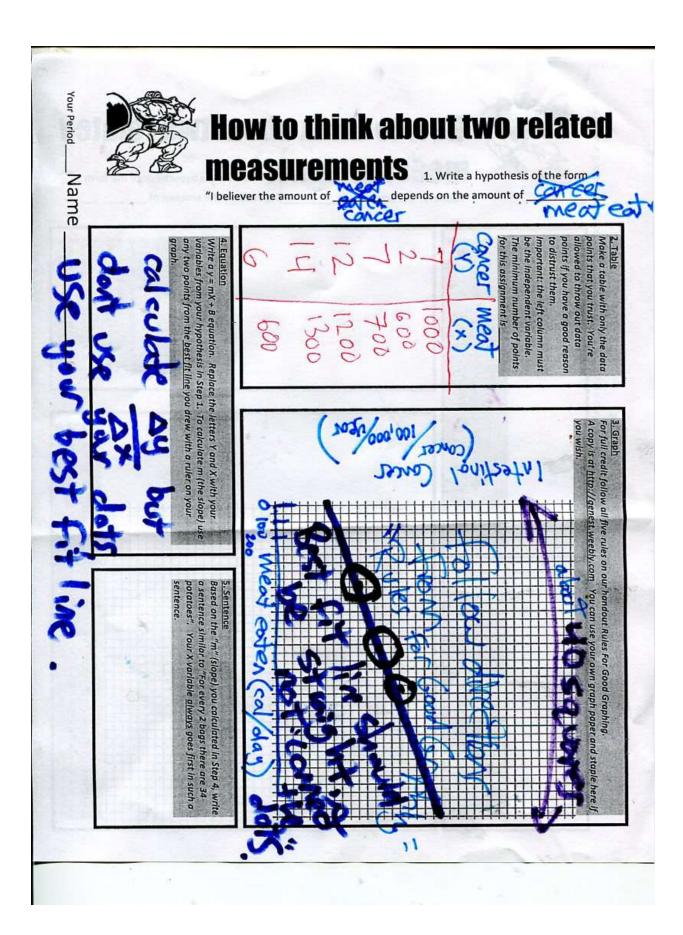
Reading 10 8.9 8.95 three 133 160 five (! 2220 2230 2240 2225.5 Inntudantudantuda four 114.2 three 1120 1000 1100 1200 two 0.64 0.2 0.0260 0.02 0.03 0.04 Instruduntpulmituntuntunt

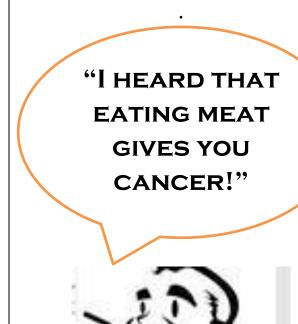
add a zero just like you would add a 5 if between the black lines. That tells us it is exactly on the line.

3.

6. For each of the volume devices below record the scale reading and indicate the uncertainty in the measurement 200-150 100 Note the yeside -down
scale IH 40

reading uncertainty 300 PYREX 400 ml 200 -- 100 -12 scale uncertainty





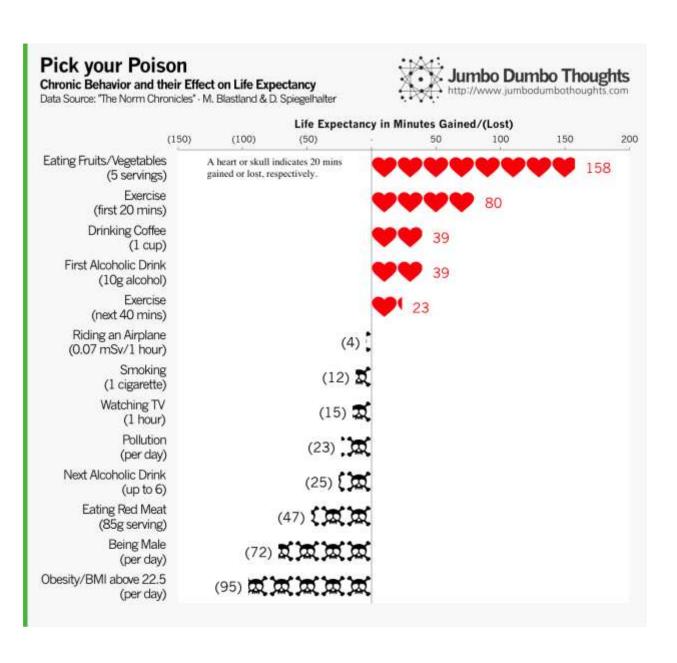
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(per	eaten	column
100,00/pe	(cal per	when
r year)	day)	graphing
7	1000	Italy
2	600	Venezue
		la
7	700	Israel
12	1200	France
14	1300	USA
6	600	Japan

<u>Purpose</u>: How do we use a graph to answer an important question.

**Warmup:** Copy this table to the Table on your sheet

## Announcements:

- 1) Chemistry test Thursday, September 24
- 2) Chemistry Homework tonight: Finish the front and back of the graph sheet



## Homework assignment:

On the front, graph Cancer vs Meat.

On the back, graph Water mL vs ruler cm3 data, from our class, on today's class web page

Follow
"Rules for good graphing" sheet
(in class or online)