

# Noteset 0E (Part 1) - Add / Subt Measurements

## Operations (+, -) in Chemistry

In math :  $a + a = 2a$  (variable)

In science :  $g + g = g$  (unit)  
(measurement)

Add or Subt : Same Unit

---

$$2g + 3g = 5g$$

same units

$$\cancel{2g} + \cancel{3m}$$

diff. units

## Rounding w/ add and subt

Rule: Rnd to least # of places after decimal

$$35.5m + 34m$$

1 after      0 after

$$69.5m$$

0 after

Unrounded

$$70m$$

Rounded

$$153.49g - 61.7g$$

2 after      1 after

$$91.79g$$

1 after

Unrounded

$$91.8g$$

Rounded