p. 159, 52]

$360 – yearly membership
$4 – daily cost of equipment rental } 1 package

$10 – daily entrance
$6 – daily equipment rental } other package

d = # of times you go to the gym

@ $360 + $4d = $10d + $6d

$360 + $4d = $16d

$360 + $4d − $4d = $16d − $4d

$\frac{360}{12} = \frac{12d}{12}$

30 = d

Worksheet #3)

$$(x \cdot 4) + 12 = (x \cdot 7) - 3$$

(32) (32)

$$-4x + 3 + 4x + 12 = 7x - 3 + 3 - 4x$$

$$\frac{15}{3} = \frac{3x}{3}$$

$$5 = x$$

Test:

- Please return!
- Point total $\frac{x}{47} + 3 \rightsquigarrow \frac{x+3}{50}$

WORKSHEET 3C

2) $2x - 14 = +^{+}12 + 14$

$+14$

$\frac{2x}{2} = \frac{26}{2}$

$x = 13$

3) $-3x + 11 = -25 - 11$

-11

$\frac{-3x}{-3} = \frac{-36}{-3}$

$x = 12$

4) $-5x + 25 = 55 - 25$

-25

$\frac{-5x}{-5} = \frac{30}{-5}$

$x = -6$

7) $-15 = \frac{-x}{-3}$ (-3)

$45 = -x$

$x = -45$

9) $8 - \frac{-x}{4} = -8 - 8$

-8

$-4 \cdot -\frac{-x}{4} = -16 \cdot -4$

$-x = 64$

$x = -64$

13) $\frac{-2(-2x)}{5} + 18 = -2$

$\frac{4x}{5} + 18 = -2 - 18$

-18

$\frac{5}{4} \cdot \frac{4x}{5} = -20 \cdot \frac{5}{4}$

$\frac{-20}{4} \cdot 5 = -5 \cdot 5$

$x = -25$

14) $-22 = 14 - \frac{x}{3} - 14$

-14

$3(-36) = -\frac{x}{3} \cdot 3$

$-108 = -x$

$x = 108$

#1 on homework:

compute the average Stupidity rating of Mr. Bregar.

WORKSHEET 8A
1-10
WORKSHEET 3D
1-15 every 3rd