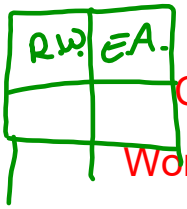
Take out your Equation Inventory Sheet

Oct 10-3:42 PM

Finish Retake

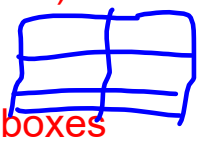
Inequality quiz corrections due tomorrow!



Classwork/Homework - Due Tuesday

Workbook page 55 (9-18), page 56 (22-27)

16 Problems



Must be worked out on paper set up with boxes

Due Sunday at 11:59pm - Mangahigh "Literal Equations"

Oct 10-3:42 PM

(15) w? $A = 161\text{cm}^2$ $l = 14\text{cm}$

$\frac{A}{l} = \frac{l}{l}w$ $\quad w = \frac{A}{l} = \frac{161}{14} = 11.5\text{cm}$

(16) $C = 2\pi r$

(17) $P = 2l + 2w$ $\quad P = 182\text{in}$, $l = 52\text{in}$, $w = ?$

$182 = 2(52) + 2w$

$182 = 104 + 2w$

$-104 \quad -104$

$\frac{78}{2} = \frac{2w}{2}$

$39\text{in} = w$

Oct 11-12:15 PM

(18) $A = \frac{bh}{2}$ or $A = \frac{1}{2} \cdot bh$

$b = 7\text{m}$ $\quad A = 17.5\text{m}^2$

$2 \cdot 17.5 = 7h$

$\frac{35}{7} = \frac{7h}{7}$

$5\text{m} = h$

(23) solve for C

$\frac{C}{d} + 2 = \frac{f}{9}$

$+2 \quad -2$

$\frac{C}{d} \cdot d = \left(\frac{f}{9} - \frac{2}{1}\right) d$

$C = \frac{fd}{9} - 2d$

Oct 11-12:22 PM

(24)

$$3ab - 2bc = 12$$

$$-3ab \qquad -3ab$$

$$-2bc = 12 - 3ab$$

$$\frac{-2bc}{-2b} = \frac{12}{-2b} - \frac{3ab}{-2b}$$

$$c = -\frac{6}{b} + \frac{3a}{2}$$

$c =$

$c = \frac{12 - 3ab}{-2b}$

(9) $fx - gx = h$

$x =$

$x(f - g) = h$

$\frac{x(f-g)}{f-g} = \frac{h}{f-g}$

$x = \frac{h}{f-g}$

$fx = f \cdot x$

$gx = g \cdot x$

Oct 11-12:27 PM

(13) $-3(x+n) = x$

$-3x - 3n = x$

$+3x \qquad +3x$

$-3n = 4x$

$\frac{-3n}{4} = \frac{4x}{4}$

Oct 11-12:46 PM