Bell Work   2/2/2015

Solve the following:

$$\boxed{3x} - 4 + \boxed{2x} = \boxed{12x} + 6 \boxed{-5x} - 4$$

$5x - 4 = 7x + 6 - 4$

$-5 \quad\quad -5$

$-4 \mid 2x + 6 - 4$

$+4 \quad\quad\quad\quad +4$

$0 = 2x + 6$

$-6 \quad\quad -6$

$-6 = 2x$

$\dfrac{-6}{2} = \dfrac{2x}{2}$

$\boxed{-3 = x}$

Please get out your work from

Wednesday (8.3b) & Friday

Wednesday - 8.3b

Concrete Algebra Student Sheet 8.3b
Part I
Simplify.

1. $(-4) + (-6)$
2. $(-72) \div (-8)$
3. $-2(-3)$
4. $-|-4| + |-3|$
5. $(-2)(2)(-3)(0)(-3)(1)(-2)$

Part II
IN YOUR SPIRAL, for EACH equation below:
- DRAW your solution,
- SHOW your steps, and
- CHECK your solution in red..

1. $3 + 2x - 10 = 3x$

2. $5m + 8 = 3m$

3. $-5 + 8x - 6x = 41$

4. $5k - 2k = -6$

5. $4x - 2x = 10$

6. $-5 + 8x = 40 + 3x$

7. $g + 2g + 1 + g = 2 + 5$

8. $4p + 3 + 5 + p + p = 2p$

9. $3n - n + n - 7 = 2 + 2n$

Friday - Pizzazz pg.34

BOOKS NEVER WRITTEN

The Break-in by $\underset{10}{\rule{1cm}{0.4pt}}\ \underset{-13}{\rule{1cm}{0.4pt}}\ \underset{-7}{\rule{1cm}{0.4pt}}\ \underset{-7}{\rule{1cm}{0.4pt}}\ \underset{-25}{\rule{1cm}{0.4pt}}\ \ \underset{8}{\rule{1cm}{0.4pt}}\ \ \underset{72}{\rule{1cm}{0.4pt}}\ \underset{6}{\rule{1cm}{0.4pt}}\ \underset{5}{\rule{1cm}{0.4pt}}\ \underset{-4}{\rule{1cm}{0.4pt}}$

The Break-in by
10 −13 −7 −7 −25   8   72 6 5 −4

Origin of Man by
−1 −11 −2   72 17   −6 25 17 12

Making Soap by
−9 25 −13 72   −8   25 −2 12 −6

ABOVE ARE THE TITLES OF THREE "BOOKS NEVER WRITTEN."
TO DECODE THE NAMES OF THEIR AUTHORS:

Solve each equation below and find your solution in the code. Each time the solution appears, write the letter of that exercise above it.

(O) $4y - 9 = 15$

(A) $6x + 7 = -5$

(S) $-9t + 2 = 56$

(P) $-69 = 7v - 6$

(Y) $35 = -2x - 15$

(I) $4 - 3n = 43$

(N) $12 - 5u = -48$

(C) $-27 + 20w = 73$

(E) $13 = 5 - 8m$

(K) $11r + 60 = 16$

(U) $y - 24 = -7$

(J) $23 - x = 13$

(V) $-67 = 6x - 1$

(M) $-4e - 9 = 19$

(D) $-8 = 32 - 5q$

(H) $6 + 10k = 256$

(T) $-100 = 12t - 4$

(L) $36 - x = -36$

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OBJECTIVE 4–g: To solve equations of the form $ax + b = c$,
where a is an integer (solutions are integers).

Friday - Pizzazz pg.34

BOOKS NEVER WRITTEN

The Break-in by
J I M M Y D L O C K
$\underset{10}{\_}\ \underset{-13}{\_}\ \underset{-7}{\_}\ \underset{-7}{\_}\ \underset{-25}{\_}\ \quad \underset{8}{\_}\ \quad \underset{72}{\_}\ \underset{6}{\_}\ \underset{5}{\_}\ \underset{-4}{\_}$

Origin of Man by
E V A L U S H U N
$\underset{-1}{\_}\ \underset{-11}{\_}\ \underset{-2}{\_}\ \quad \underset{72}{\_}\ \underset{17}{\_}\ \quad \underset{-6}{\_}\ \underset{25}{\_}\ \underset{17}{\_}\ \underset{12}{\_}$

Making Soap by
P H I L L T H A N S
$\underset{-9}{\_}\ \underset{25}{\_}\ \underset{-13}{\_}\ \underset{72}{\_}\ \quad \underset{-8}{\_}\ \quad \underset{25}{\_}\ \underset{-2}{\_}\ \underset{12}{\_}\ \underset{-6}{\_}$

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OBJECTIVE 4-g: To solve equations of the form $ax + b = c$, where a is an integer (solutions are integers).

Today - the second sheet from Friday

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complete by tomorrow

CRYPTIC QUIZ

1. Why does Beethoven now spend all his time erasing music?

$\underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}$
16 6 −4 10 −3 6 −9 7 20 −5 7 10 −4 3 21

2. What is it called when a sea bird lands on a channel marker?

$\underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}$
−36 9 7 −8 20 6 6 −2 10 21 9 11 11

3. How does a tree feel after a hard day at work?

$\underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}$
−36 9 10 16 6 −3

TO DECODE THE ANSWERS TO THESE QUESTIONS:

Solve each equation below and find your answer in the code. Each time the solution appears, write the letter of that exercise above it.

(O) $8u = 3u + 35$

(N) $7y = 33 - 4y$

(E) $2x + 48 = 10x$

(T) $5t - 26 = 18t$

(I) $k = 8k + 28$

(G) $-30n = -27n - 63$

(H) $4x + 4 = 2x + 36$

(D) $9y - 1 = y - 25$

(P) $14p - 8 = 22 + 20p$

(L) $z + 81 = 9z - 7$

(Y) $39 - 12w = 7 - 16w$

(C) $-15v - 40 = 23 - 8v$

(M) $63 - x = 2x + 3$

(U) $3n + 46 = 1 + 8n$

(B) $12r - 18 = 13r + 18$

(S) $-x - 1 = x - 21$

OBJECTIVE 4−n: To solve equations having the variable in both sides.

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