Simplifying Expressions
Day 16 Unit 1 Principles

Name: _____
Pd: _____ Date: _____

OBJECTIVE: To estimate square roots of non-perfect square numbers.

SHOW ALL WORK TO RECEIVE FULL CREDIT!

Imagine you are in a sinking rowboat surrounded by sharks. How would you survive?

After completing your work, match up the left column with the possible answers in the right column. Use the letter that corresponds to the answer to complete the riddle at the bottom.

Person #1

1.) $4x - 3y - 2x + 8y$

2.) $3x - 2(x + 4) + 3$

3.) $7(x - 3y) + 8(y - 2x) + y$

4.) $4x - 5y + 3x + 1 + 2y - 5x$

5.) $3 - 2(4x - 3y) + y - 6$

6.) $5(y + 2x) - 4x + y$

7.) $-3(x + 2) + 5(y - 3) + 2x$

Person #2

8.) $6y - 13 + 2y + 6 - y$

9.) $4(2x + 3) - 3(x + 2)$

10.) $-2(3x - 4) + x + 1$

11.) $8x - 3y + 4y - 6 + x + 2$

12.) $6(2x + 3y) - 4y + x$

13.) $-4(2x - 3) + 3(5x + 1) - 2$

14.) $9x + 3y - x - 2y + 4$

I : $-5x + 9$

O : $-9x - 12y$

G : $8x + y + 4$

A : $7y - 7$

I : $6x + 6y$

T : $x - 5$

BL : $-8x + 7y - 3$

S : $2x + 5y$

N : $9x + y - 4$

I : $13x + 14y$

G : $5x + 6$

M : $-x + 5y - 21$

P : $2x - 3y + 1$

N : $7x + 13$

The numbers below correspond to the fourteen exercises above. Place the corresponding letter of its answer underneath the number of the exercise. "BL" represents a blank space.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	
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