

Bell Work

Algebra 2A

Day 1 - October 19, 2015

Solve and Simplify

1. $\frac{1}{6} + \frac{2}{3} =$

2. $\frac{3}{4} + \frac{3}{4} =$

3. $\frac{2}{5} \times \frac{1}{2} =$

4. $5 \times \frac{1}{5} =$

5. $(x^3)(x^2) =$

6. $(x^3)^2 =$

7. $2x^2 + 3x + 7x^2 + 4x =$

Day 2 - October 20, 2015

Correct Yesterday's Bellwork

DAY 3 - OCTOBER 21ST, 2015

WRITE THE FOLLOWING AS ALGEBRAIC EXPRESSIONS

TWO TIMES A NUMBER PLUS 5

3 LESS THAN A NUMBER

THE PRODUCT OF 3 AND A NUMBER MINUS 7

THE QUOTIENT OF 7 AND THE VARIABLE X PLUS 6

THE SUM OF 6 AND THE PRODUCT OF 5 AND A NUMBER

THE DIFFERENCE OF 5 AND A NUMBER

Day 4 - October 22

**WHAT IS THE SQUARE ROOT OF THE FOLLOWING
EXPRESSIONS**

$$\sqrt{16}$$

$$\sqrt{12}$$

$$\sqrt{25}$$

$$\sqrt{72}$$

Day 5 - October 26

Solve the following equations

1) $3x + 2y = 7$ if $x = 3$

2) $5x + 3y = 10$ if $x = 5$

3) $\frac{1}{2}x = 2y - 4$ if $x = 8$

Day 6 - October 27th

Complete the table for the following function and graph

$$Y = x^2 + 2x - 3$$

x	y
-2	
-1	
0	
1	

Day 7 - October 28

Solve the system algebraically

$$y = 2x + 4$$

$$y = -5x - 3$$

Day 8 - October 29

Setup and solve the following word problem:

Brenda's school is selling tickets to a spring musical. On the first day of ticket sales the school sold 3 senior citizen tickets and 9 child tickets for a total of \$75. The school took in \$67 on the second day by selling 8 senior citizen tickets and 5 child tickets. What is the price each of one senior citizen ticket and one child ticket?