

Bell Work

Algebra 2B

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

$$3x \cdot 2x$$

$$3x^2 \cdot 2x^3$$

$$4x^3(-5x^3)$$

$$(x^4)^3$$

Day 4 - October 22

MULTIPLY THE FOLLOWING

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

$$(x-5)(x+5)$$

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

FACTOR

$$4) x^2 + 7x + 12$$

Day 5 - October 26

Add

$$(-4k^4 + 14 + 3k^3) + (-3k^4 - 14k^2 - 8)$$

Multiply

$$(x - 3)(6x - 2)$$

Divide

$$(x^2 + 9x + 22) \div (x + 2)$$

Day 6 - October 27

Factor

1. $x^2 + 7x - 18$

2. $x^2 + 8x + 12$

Note: Next two are difference of squares

3. $x^2 - 25$

4. $x^2 - 16$

Day 7 - October 28

Factor and Solve:

1) $x^2 + 9x + 18 = 0$

2) $x^2 - 25 = 0$

Day 8 - October 29

Simplify the following by completing Long Division

$$(x^2 + 9x + 22) \div (x + 2)$$