

March 31, 2015

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

$$(-4x^3y^5)(6x^2y^2) - (-4x^3y^5)(2x^3y)$$

$$(-4x^3y^5)(6)$$

$$-24x^5y^7 + 8x^6y^6 - 24x^3y^5$$

Mar 31-9:10 AM

5.3
#8)

$$(y-15)(y+3)$$

$$(y)(y) + (y)(3) + (-15)(y) + (-15)(3)$$

$$y^2 + 3y - 15y - 45$$

Combine (add)

$$y^2 - 12y - 45$$

Mar 31-9:20 AM

$$(x-6)(x+7)$$

$$x \cdot x + x \cdot 7 + (-6) \cdot x + (-6) \cdot 7$$

$$x^2 + 7x - 6x - 42$$

$$x^2 + x - 42$$

Mar 31-9:25 AM

$$2x^2 + 3x$$

not like terms

Mar 31-9:31 AM

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

$$(y \cdot 3y) - (y \cdot 4x) + (y \cdot 2) + (2x \cdot 3y)$$

$$(2x \cdot -4x) + (2x \cdot 2)$$

$$3y^2 - 4yx + 2y - 8x^2 + 6yx$$

$$-8x^2 + 4x$$

$$3y^2 + 2yx + 2y - 8x^2 + 4x$$

degree 2

$$-8x^2 + 4x + 3y^2 + 2yx + 2y$$

Mar 31-9:32 AM

(Empty box)

Mar 31-9:51 AM