

$2x = m - x$

$$\frac{1}{6}x - \frac{1}{3} + \left(x - \frac{2}{3}\right)^2 = 1 - \left(\frac{1}{3} - 2x\right)\left(\frac{4}{3} + 2x\right) - \left(\frac{3}{3}\right)$$

$$\frac{1}{6}x - \frac{1}{3} + x^2 - \frac{4}{3}x + \frac{4}{9} = 1 - \left(\frac{4}{9} - 4x^2\right) - \left(\frac{3}{3}\right)$$

$$\frac{1}{6}x - \frac{1}{3} + x^2 - \frac{4}{3}x + \frac{4}{9} = 1 - \frac{4}{9} + 4x^2 - 3x^2 - 1$$

$$\frac{1}{6}x + \frac{1}{9} + x^2 - \frac{4}{3}x = \frac{1}{9} + x^2 - 2x + \frac{1}{3}x$$

$$3x + 2 - 24x = 100 - 36x + 6$$

$$-21x + 2 = 20 - 30x$$

$$-21x + 30x = 20 - 2$$

$$9x = 18$$

$$x = \frac{18}{9} \quad (2)$$

$$-x^2 + 8y^3 + (x+2y)^3 - x(x+3y)^2 + 3x(y+2)(x-y)$$

$$-x^2 + 8y^3 + x^3 + 6x^2y + 12xy^2 + 8y^3 - x(x^2 + 6xy + 9y^2) + 3x(x-y)(y+2)$$

$$-x^2 + 8y^3 + x^3 + 6x^2y + 12xy^2 + 8y^3 - x^3 - 6x^2y - 9xy^2 + 3xy^2 - x^2y - 2xy^2 + 3xy^2 + 6xy - 3xy - 6xy - 6xy^2 + 6xy^2$$

$$-x^2 + 8y^3 + 12xy^2 - x^2y - 9xy^2 + 3xy^2 + 6xy - 6xy - 6xy^2 + 6xy^2$$

$$-x^2 + 8y^3 + 3xy^2 + 6xy - 6xy^2 + 6xy^2 = -x^2 + 8y^3 + 3xy^2 + 6xy$$

ED $\Delta 1$ ~~2~~

$(x-y)$

$+14-1$

$-x^2$

$= 8y^3 -$

$(x -$

$= 8y^3 -$