13/1/2020

91
$$4a^2x^4 + 6a^4x^3 + 4a^3x^2 + 6a^5x =$$

$$= 2a^{2} \times \left(2x^{3} + 3a^{2} \times + 2a \times + 3a^{3}\right) =$$

$$= 2\alpha^{2} \times \left[\times^{2} \left(2 \times + 3\alpha^{2} \right) + \alpha \left(2 \times + 3\alpha^{2} \right) \right] =$$

$$=2a^{2}\times\left(2\times+3a^{2}\right)\left(\times^{2}+a\right)$$

RISOLUZIONE DEL LUCCHINI

$$= 2\alpha^{2} \times 3(2 \times + 3\alpha^{2}) + 2\alpha^{3} \times (2 \times + 3\alpha^{2}) =$$

$$= (2 \times +3a^{2}) (2a^{2} \times^{3} + 2a^{3} \times) =$$

$$= (2\times +3a^2) \left[2a^2\times (x^2+a)\right] = 2a^2\times (2\times +3a^2)(x^2+a)$$

68
$$ab - a - 3(b - 1)(b + 2) =$$

$$= a(l-1) - 3(l-1)(l+2) =$$

$$=(l-1)[\alpha-3(l+2)]=$$

$$A^{2}-B^{2}=(A-B)(A+B)$$

$$4 \times^2 - y^4 = (2 \times)^2 - (y^2)^2 = (2 \times - y^2)(2 \times + y^2)$$

$$A^2$$
 B^2

$$16a^2 \times 6 - 25a^4 y^{10} = (4a \times 3)^2 - (5a^2 y^5)^2 =$$

$$= (4ax^3 - 5a^2y^5) (4ax^3 + 5a^2y^5)$$

$$(x+1)^2 - y^2 = [(x+1) - y][(x+1) + y] =$$

$$= (x+1-y)(x+1+y)$$

$$y^{2} - (x+1)^{2} = \left[y - (x+1)\right] \left[y + (x+1)\right] =$$

$$= (y - x - 1) (y + x + 1)$$

$$(x-2y)^2-(y-z)^2=$$

$$= [(x-2y)-(y-z)][(x-2y)+(y-z)]=$$

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

153
$$x^4 - 4x^2y + 4y^2 =$$

$$= (x^2 - 2y)^2$$

$$\frac{1}{16}a^4b^6 + \frac{1}{2}a^2b^3 + 1 =$$

$$= \left(\frac{1}{4}\alpha^2 lr^3 + 1\right)^2$$