180
$$x - 2x^2 - (-x) + x^3 - \left(-\frac{1}{2}x + \frac{5}{2}x\right) + \frac{3}{2}x^2 - (-x^3) - 3.5x^2 =$$

$$= x - 2x^{2} + x + x^{3} + \frac{1}{2}x - \frac{5}{2}x + \frac{3}{2}x^{2} + x^{3} - \frac{35}{10}x^{2} = \frac{1}{10}x^{2} + \frac{1}{10}x^{2} + \frac{1}{10}x^{3} = \frac{1}{10}x^{2} + \frac{1}{10}x^{2} + \frac{1}{10}x^{2} = \frac{1}{10}x^{2} + \frac{1}{10}x^{2} + \frac{1}{10}x^{2} = \frac{1$$

$$= \left(\frac{2+2+4-5}{2}\right) \times + \left(\frac{-20+15-35}{10}\right) \times + 2 \times =$$

$$= -\frac{46}{10} \times^{2} + 2 \times^{3} = -4 \times^{2} + 2 \times^{3}$$

203
$$\left(\frac{1}{2}a^3b^2c\right)\left(-\frac{4}{3}abc^3\right) =$$

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

- · Moltiplicands tra los due monami si ottiene
 aucoro un manomis
- El grads dei monomis prodette e la somme der grads dei monomi fattori

-5 monomis di grads 0

3 monomis di grads 0

-5:3 = -15 monomis di grads 0, infatti 0+0 = 0

5 monomis di grads 2

Se svolas 0. X = 0 non sarelle fin vers

Se moles 0. x = 0 non snelle fin vers

V V che il grads del pradotts è
0 2 0 nonale alla somma dei gradi
0+2 ≠ 0 Anche fer quests motivo non
n'attribuisé alam grads al
monomis nulls 0.

 $214 \left(\frac{m^5}{2} - \frac{m^5}{4} - m^5\right) (-3 \, m^3 - m^3) =$

 $= (\frac{1}{5}m^{5} - \frac{1}{5}m^{5} - \frac{1}{5}m^{5}) \cdot (-4m^{3})$ $= (\frac{2}{5} - 1 - 4 - \frac{1}{5})m^{5} \cdot (-4m^{3})$ $= (-\frac{3}{5})m^{5} \cdot (-8m^{3}) = +3m^{8}$

$$(-2a^{2}b + 3a^{2}b)(-ab^{2} + 3ab^{2}) + \left(-\frac{\cancel{x}}{\cancel{y}}a^{2}b^{2}\right)\left(-\frac{\cancel{x}}{\cancel{y}}ab\right) = \frac{222}{\cancel{y}}a^{2}b^{2}$$

$$= a^2 k \cdot 2a k^2 + 2a^3 k^3 =$$

$$= 2a^3l^3 + 2a^3l^3 = 4a^3l^3$$

$$(-\frac{1}{2}xy + \frac{3}{2}xy + 2xy)(-\frac{1}{3}x^4y^2 + \frac{4}{3}x^4y^2 - x^4y^2) + (-xy)(+3x)(-2x^3y^2) =$$

$$= \frac{-1 + 3 + 4}{2} \times y \cdot \frac{-\cancel{1} + \cancel{1} - \cancel{3}}{3} \times 4y^{2} + 6 \times 5y^{3} =$$

$$=\frac{6}{2}\times y. O + 6\times^5 y^3 = [6\times^5 y^3]$$

$$\left[\left(\frac{1}{2} \right)^{-1} x^2 y + \left(\frac{2}{3} \right)^{-1} x^2 y \right] \left(-\frac{3}{7} x y \right) + \left[\left(\frac{1}{4} - \frac{1}{2} \right)^{-2} x y^2 \right] \left(-\frac{1}{32} x^2 \right) =$$

$$= \left[2 \times 9 + \frac{3}{2} \times 9 \right] \left(-\frac{3}{7} \times 9 \right) + \left[\left(\frac{1-2}{4} \right)^{-2} \times 9^{2} \right] \left(-\frac{1}{32} \times ^{2} \right) =$$

$$= \left[\left(2 + \frac{3}{2}\right) \times^2 y \right] \left(-\frac{3}{7} \times y\right) + \left[\left(-\frac{1}{4}\right)^{-2} \times y^2 \right] \left(-\frac{1}{32} \times^2\right) =$$

$$= \frac{4+3}{2} \times \frac{2}{3} \left(-\frac{3}{7} \times \frac{3}{3}\right) + \left[(-4)^2 \times \frac{3}{3} \left(-\frac{1}{32} \times \frac{2}{3}\right) = \frac{1}{32} \times \frac{3}{32} \times \frac{3}{$$

$$=\frac{7}{2}x^{2}y\left(-\frac{3}{7}xy\right)+\frac{1}{16}xy^{2}\left(-\frac{1}{32}x^{2}\right)=-\frac{3}{2}x^{3}y^{2}-\frac{1}{2}x^{3}y^{2}=\left[-2x^{3}y^{2}\right]$$