

N° 234

$$\left(-\frac{5}{6}a\right)\left(2ab - \frac{4}{5}a^2 + \frac{3}{5}a^2b\right) + \left(-\frac{3}{2}a^2\right)\left(-\frac{10}{9}b - \frac{1}{3}b + \frac{4}{9}a\right) =$$

$$= -\frac{5}{3}a^2b + \frac{2}{3}a^3 - \frac{1}{2}a^3b + \left(+\frac{5}{3}a^2b + \frac{1}{2}a^3b - \frac{2}{3}a^3\right) =$$

$$= \cancel{-\frac{5}{3}a^2b} + \underline{\frac{2}{3}a^3} - \cancel{\frac{1}{2}a^3b} + \cancel{\frac{5}{3}a^2b} + \cancel{\frac{1}{2}a^3b} - \underline{\frac{2}{3}a^3} =$$

(elimino i monomi
opposti)

$$= 0$$

N° 235

$$\left(\frac{5}{12}x\right)\left(\frac{4}{5}x^2 - \frac{2}{5}xy - 2y^2\right) + \left(\frac{1}{2}x^2 - \frac{1}{3}y^2\right)\left(\frac{1}{2}x + \frac{1}{3}y\right) =$$

$$= \frac{1}{3}x^3 - \frac{1}{6}x^2y - \frac{5}{6}y^2 + \left(\frac{1}{4}x^3 + \frac{1}{6}x^2y - \frac{1}{6}xy^2 - \frac{1}{9}y^3\right) =$$

$$= \frac{1}{3}x^3 - \cancel{\frac{1}{6}x^2y} - \frac{5}{6}y^2 + \frac{1}{4}x^3 + \cancel{\frac{1}{6}x^2y} - \frac{1}{6}xy^2 - \frac{1}{9}y^3 =$$

$$= \left(\frac{1}{3} + \frac{1}{4}\right)x^3 + \left(-\frac{5}{6} - \frac{1}{6} - \frac{1}{9}\right)xy^2 - \frac{1}{9}y^3 =$$

$$= \left(\frac{4+3}{12}\right)x^3 - \frac{6}{6}xy^2 - \frac{1}{9}y^3 =$$

$$= \frac{7}{12}x^3 - xy^2 - \frac{1}{9}y^3$$