

## SOLUZIONI ESERCIZI 2

a) +15

b)  $-4a^3b^3c^3$

c)  $-4x^2y^2 + 2x^2y^3 - \frac{3}{2}xy^3$

d)  $2a^2b^2 - \frac{1}{12}ab^3 - 12a^3b + \frac{1}{2}a^2b^2 = \frac{5}{2}a^2b^2 - \frac{1}{12}ab^3 - 12a^3b$

e)  $\frac{2}{3}x^2y^3 \cdot \left\{-\frac{6}{5xy}\right\} = -\frac{4}{5}xy^2$

f)  $+\frac{9}{16}x^6y^4$

g)  $\frac{25}{4}a^2 - \frac{5}{4}ab + \frac{1}{16}b^2$

h)  $\sqrt[6]{4x^2} \cdot \sqrt[6]{\frac{1}{8}x^3y^3} = \sqrt[6]{\frac{1}{2}x^5y^3}$

i)  $3\sqrt{5} + 3\sqrt{2} - 2\sqrt{5} + 5\sqrt{2} = \sqrt{5} + 8\sqrt{2}$

j)  $\frac{1}{2} + \frac{3}{2}\sqrt{2} - \frac{1}{2}\sqrt{2} + 5 = \frac{11}{2} + \sqrt{2}$