

- а)  $16a^2bc^3 - 12ac^3 + 28b^2c^2 - 8abc^5$ ;  
 б)  $12x^2yz + 18xy^3z^2 - 27x^5z^6 - 24xy^4z^4$ ;  
 в)  $0,25m^2n^2k - 0,45m^3nk^2 - 1,5mn^3k^2 - 0,05m^5n^3k$ ;  
 г)  $1,42x^2y^4z^3 - 2\frac{1}{2}xy^3z^2 - 0,2x^3y^2z + 3\frac{1}{3}xy^3z^2$ ;  
 д)  $\frac{1}{3}a^2bx^3 - 1\frac{1}{2}ab^2x^2 + 0,3a^2x^3 - 1,1a^5b^3x^4$ .

$$16a^2bc^3 - 12ac^3 + 28b^2c^2 - 8abc^5 =$$

$$4(4a^2bc^3 - 3ac^3 + 7b^2c^2 - 2abc^5) =$$

$$4c^2(4a^2bc - 3ac + 7b^2 - 2abc^3)$$

$$12x^2yz + 18xy^3z^2 - 27x^5z^6 - 24xy^4z^4 =$$

$$3(4x^2yz + 6xy^3z^2 - 9x^5z^6 - 8xy^4z^4) =$$

$$3xz(4xy + 6y^3z - 9x^4z^5 - 8y^4z^3)$$

$$0.25m^2n^2k - 0.45m^3nk^2 - 1.5mn^3k^2 - 0.05m^5n^3k =$$

$$0.5(0.5m^2n^2k - 0.9m^3nk^2 - 3mn^3k^2 - 0.1m^5n^3k) =$$

$$0.5mnk(0.5mn - 0.9m^2k - 3n^2k - 0.1m^4n^2)$$