

M. C. D. e m. c. m. tra monomi

calcola il M. C. D. e m. c. m. tra i seguenti gruppi di monomi		
1	$3a; 2ab; -5bc$	MCD: 1 mcm: $30abc$
2	$-2ab; 3a; 6abc$	MCD: a mcm: $6abc$
3	$\frac{1}{2}a^2bc; -2ab^3x; \frac{1}{3}a^2b^2x$	MCD: ab mcm: a^2b^3cx
4	$-ab^4; 2a^2b; 2ab^3$	MCD: ab mcm: $2a^2b^4$
5	$a^5b^6c; \frac{1}{7}a^2c^2x; 2x^6c$	MCD: c mcm: $a^5b^6c^2x^6$
6	$\frac{3}{5}x^3y^3z; x^8y^6z^2; \frac{2}{3}x^4y^3$	MCD: x^3y^3z mcm: $x^8y^6z^2$
7	$2m^2nz^3; 7m^3n^2z^4; \frac{1}{4}m^2n^4z^2$	MCD: m^2nz^2 mcm: $m^3n^4z^4$
8	$8u^2v^5z^4; 2u^3v^9z^3; 4u^2v^4z^6$	MCD: $2u^2v^4z^3$ mcm: $8u^3v^9z^6$
9	$\frac{1}{7}a^3c^5; \frac{2}{5}a^2b^3c^3; \frac{3}{4}ab^2c^6$	MCD: ac^3 mcm: $a^3b^3c^6$
10	$2m^2np^4; 3m^6n^2p^5; m^2n^3p^6$	MCD: m^2np^4 mcm: $6m^6n^3p^6$
11	$9x^2y^4z; 3xz^4; yz^2$	MCD: z mcm: $9x^2y^4z^4$
12	$3a^2b^2m^2; a^5m^2n; 9a^4b^4mn$	MCD: a^2m mcm: $9a^5b^4m^2n$
13	$\frac{7}{3}p^4q^2r^5; 6pq^3; 2p^2q^2r$	MCD: pq^2 mcm: $p^4q^3r^5$
14	$\frac{2}{3}xy^3z; 3x^2y^3; -2x^3y^3z$	MCD: xy^3 mcm: x^3y^3z
15	$14a^2b; 7a^4b^3c^5; 28ab^4c^3$	MCD: $7ab$ mcm: $28a^4b^4c^5$
16	$5m^2n^5p^3; -10m^3p^2; 4mn^6r^3$	MCD: m mcm: $20m^3n^6p^3r^3$
17	$\frac{3}{2}a^5x^3; -7a^4b^6xy; ab^3cxy^3$	MCD: ax mcm: $a^5b^6cx^3y^3$
18	$\frac{11}{2}m^3nx^3y^4; \frac{1}{5}mxy; -5m^3n^5x^4$	MCD: mx mcm: $m^3n^5x^4y^4$
19	$9x^2y^4z; 3xz^4; 6yz^2$	MCD: $3z$ mcm: $18x^2y^4z^4$
20	$xyz; yz; xz$	MCD: z mcm: xyz

21	$2x^4; 4x^2y^2; 6x^2y^2$	MCD: $2x^2$ mcm: $12x^4y^2$
22	$a^4b^3; a^6b^2; 3a^5b^4$	MCD: a^4b^2 mcm: $3a^6b^4$
23	$3x^3y^3; 9x^2y^3; 12x^4y$	MCD: $3x^2y$ mcm: $36x^4y^3$
24	$3a^3b^2; 6a^4b^3; 27a^2b^5$	MCD: $3a^2b^2$ mcm: $54a^4b^5$
25	$a^4b^2c^6; 3ab^5; 2a^6bc^4$	MCD: ab mcm: $6a^6b^5c^6$
26	$10x^2y^3; 15x^7y; 45x^3y^4z^5$	MCD: $5x^2y$ mcm: $90x^7y^4z^5$
27	$4x^3y^2; 3x^2z^3; 5yz$	MCD: 1 mcm: $60x^3y^2z^3$
28	$2x^4y^5; 3xy^6z; 5xz^5$	MCD: x mcm: $30x^4y^6z^5$
29	$100x^3y^3z^2; 20xyz^5; 10xz^4$	MCD: $10xz^2$ mcm: $100x^3y^3z^5$
30	$2bc^2; 18ab^5c^4; 6a^2b^2c^3$	MCD: $2bc^2$ mcm: $18a^2b^5c^4$
31	$10byz; 16by^3z^4; 20y^2z^4t^3$	MCD: $2yz$ mcm: $80by^3z^4t^3$
32	$2a^2b^2; -6a^2b^3; 9a^3b^3c$	MCD: a^2b^2 mcm: $18a^3b^3c$
33	$-15x^4y^2z; 30x^2y^4; -40xy^2z^3$	MCD: $5xy^2$ mcm: $120x^4y^4z^3$
34	$4x^2yz^3; 20xyzt; 12x^3y^2z^4$	MCD: $4xyz$ mcm: $60x^2y^2z^4t$
35	$18b^2c^4; 9a^2b^2; 3ac$	MCD: 3 mcm: $18a^2b^2c^4$
36	$4x^2yz^6; 5x^2y^3; 100x^2y^2z^5$	MCD: x^2y mcm: $100x^2y^3z^6$
37	$a^2x^3; a^3xt^2; 2ax^2t$	MCD: ax mcm: $2a^3x^3t^2$
38	$c^m t^{n+1} z^{m+n}; c^{m+n} t^{n+2} z^m$ (con $m, n \in N$)	MCD: $c^m t^{n+1} z^m$ mcm: $c^{m+n} t^{n+2} z^{m+n}$
39	$8xy^3z; 32x^2yz^4; 36x^4z^2$	MCD: $4xz$ mcm: $288x^4y^3z^4$
40	$35a^3b^4; 20a^2c^2; 15ab^2c$	MCD: $5a$ mcm: $420a^3b^4c^2$
41	$10h^4l^3p^3; 15h^3l^2p^4; 25h^2l^4p^6$	MCD: $5h^2l^2p^3$ mcm: $150h^4l^4p^6$

42	$4a^4b^2c; 12a^2b^2c^2; 8a^3b^3d$	MCD: $4a^2b^2$ mcm: $24a^4b^3c^2d$
43	$6a^2b^2c^3; 3ab^4c^3; 9a^5b^2c^3$	MCD: $3ab^2c^3$ mcm: $18a^5b^4c^3$
44	$z^8t^4; z^4t^8$	MCD: z^4t^4 mcm: z^8t^8
45	$36x^2yz; 48xy^2; 24xyz^2; 72x^3yz^3$	MCD: $12xy$ mcm: $144x^3y^2z^3$
46	$7x^3y^2z^4; 49x^5y^2z^3; 2x^6y^3z^3$	MCD: $x^3y^2z^3$ mcm: $98x^6y^3z^4$
47	$88a^6b^9c^{12}t^8; 121a^9b^6c^5t^7; 44a^7b^8c^6t^9$	MCD: $11a^5b^6c^5t^7$ mcm: $968a^9b^9c^{12}t^9$
48	$2a^2bc; 3n^4m^2g^3$	MCD: 1 mcm: $6a^2bcn^4m^2g^3$
49	$21e^2i^4\pi^3; 49e^3i^2\pi^4; 63e^4i^3\pi^2$	MCD: $7e^2i^2\pi^2$ mcm: $441e^4i^4\pi^4$
50	$3a; 2ab; -5bc$	MCD: 1 mcm: $30abc$
51	$10x^2y; -25x^4z^2; 1$	MCD: 1 mcm: $50x^4yz^2$
52	$2ab^2c; -5a^4c^2; \frac{1}{5}a$	MCD: a mcm: $a^4b^2c^2$
53	$10x^2y; 1; -25x^4z^2$	MCD: 1 mcm: $50x^4yz^2$
54	$-5a^4c^2; 2ab^2c; \frac{5}{2}a$	MCD: a mcm: $a^4b^2c^2$
55	$t^3; t^5; t^2u^2; \frac{1}{3}t$	MCD: t mcm: t^5u^2
56	$-3a; -10b; 2c$	MCD: 1 mcm: $30abc$
57	$\frac{3}{2}ab; -\frac{2}{3}xy; \frac{7}{5}ef$	MCD: 1 mcm: $abefxy$
58	$25x^4; -15x^6; 10x^8$	MCD: $5x^4$ mcm: $150x^8$
59	$8ab; 4a^2b^2; 2a^3b^3$	MCD: $2ab$ mcm: $8a^3b^3$
60	$6a^2; 3b; 7ab^2$	MCD: 1 mcm: $42a^2b^2$
61	$2x^n yz^{m+1}; 16x^{n-1}y^n z^{m+2}; 4x^n y^{n+1}z^m$ con $m > 0, n > 1$	MCD: $2x^{n-1}yz^m$ mcm: $16x^n y^{n+1}z^{m+2}$
62	$a^m b^{2n} c^m; a^{m-1} b^n c^{m+1}; abc$ con $m > 1, n > 0$	MCD: abc mcm: $a^m b^{2n} c^{m+1}$