Monomi

Somma e sottrazione di monomi (1)

a1. $-4\mathrm{a}b^2+5ab^2$

a2. $+5\mathrm{a}^3+9a^3$

a3. $+3\mathrm{a}^2bc^3-9a^2bc^3$

a4. $+4\mathrm{a}^2b^2c-6\mathrm{a}^2b^2c$

a5. $-10b^2c-b^2c$

a6. $+abc-4abc$

a7. $-5xy+2xy-13xy$

a8. $+a-12a+5a$

a9. $14a^3c^4-11a^3c^4+2a^3c^4$

a10. $+32a^3-11a^3+5a^3-10a^3$

a11. $+5a^2b^2c^3-a^2b^2c^3+15a^2b^2c^3$

a12. $-17xy^2+12xy^2+3xy^2-xy^2$

a13. $+\frac{4}{3}ab-\frac{2}{3}ab$

a14. $-\frac{8}{5}a-\frac{3}{5}a$

a15. $+\frac{4}{3}ab-\frac{2}{3}ab$

a16. $+\frac{2}{9}ac^3+\frac{4}{3}ac^3$

a17. $-\frac{3}{4}b^2c-\frac{7}{5}b^2c$

a18. $+\frac{4}{7}x^3z^2-x^3z^2+\frac{2}{3}x^3z^2$

Somma e sottrazione di monomi (2)

b1. $+4a+2b-2a$

b2. $-5ab+4c-3c+2ab$

b3. $+4a^2+3b^3+5a^2$

b4. $-4+5ab^2-3-4ab^2$

b5. $-10ab+4ab^2+3ab-5ab^2$

b6. $+11a-10+4ab+6-ab-3ab$

b7. $+4-3b+4ab-3b+4c$

b8. $+5x-10y+3z-4x+5y$

b9. $-ab+c^2-3+4ab-c^2+4$

b10. $-12a^2b+4ab^2-5a^2b+3c+4a^2b$

b11. $-3a^2+4a-5a^3+4a^2-6a^3$

b12. $+4a^2b^3c-4a^3b-5a^2b^3c+4+2a^3b$

b13. $-7+4ab^2+2c-8+5ab^2-c+3$

b14. $+\frac{3}{7}ab+\frac{4}{7}ab-\frac{5}{7}a^3$

b15. $-\frac{5}{11}x^2+\frac{2}{5}c^3-\frac{4}{11}x^2$

b16. $-\frac{3}{7}x^2+\frac{4}{3}y^4-\frac{3}{2}x^2-\frac{2}{3}y^4$

b17. $+\frac{1}{4}abc+\frac{4}{5}ac-\frac{3}{5}abc+\frac{3}{2}ac+4$

b18. $-\frac{2}{3}a^3+\frac{4}{3}a-4+\frac{3}{7}ac-\frac{5}{4}a^3$

b19. $-\frac{3}{4}a+\frac{5}{3}b^3+\frac{2}{2}a-\frac{5}{3}a$

b20. $+2-\frac{6}{5}ac^2+\frac{7}{6}a^2b^3-\frac{1}{2}ac^2-\frac{5}{3}a^2b^3$

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Moltiplicazione tra monomi (1)

c1. $(+5ab)\cdot(+4a^2b)$

c2. $(+3a^3b^4)\cdot(-2ab^3c)$

c3. $(-5a)\cdot(-4a^3bc^4)$

c4. $(+7xy^2)\cdot(-6x^3y^3z)$

c5. $(-11b^2c)\cdot(+3a^2bc^2)$

c6. $(+6ab^3)\cdot(-6)$

c7. $(-8xz^3)\cdot(+5x^3y^2z)$

c8. $(+2a^3c^4)\cdot(+17b^3c^2)$

c9. $(-9ab^3c^2)\cdot(-9ac)$

c10. $\left(+\frac{2}{9}ab\right)\cdot\left(+\frac{15}{4}abc\right)$

c11. $\left(+\frac{30}{49}xy^2\right)\cdot\left(+\frac{7}{12}x^2y^3z\right)$

c12. $\left(-\frac{16}{27}ab^2\right)\cdot\left(+\frac{15}{8}a^2c^3\right)$

c13. $\left(+\frac{35}{28}ab^3\right)\cdot\left(+\frac{21}{10}a^2c\right)$

c14. $\left(+\frac{33}{15}b^3c^2\right)\cdot\left(+\frac{18}{11}a^3\right)$

Moltiplicazione tra monomi (2)

d1. $(+3ac^2)\cdot(-2a^2c)\cdot(+4ab)$

d2. $(+2a^3)\cdot(+4ac^3)\cdot(-2ab^2c)$

d3. $(-3c^3)\cdot(-5b^4c)\cdot(+7a^5b)$

d4. $(-5xy)\cdot(-3z^3)\cdot(-5x^2y^2)$

d5. $(+7a^2b^3c^2)\cdot(+9abc^2)\cdot(+10a^3c^2)$

d6. $\left(+\frac{18}{14}a^3c^4\right)\cdot\left(+\frac{7}{11}ab^2\right)\cdot\left(+\frac{11}{6}a^2b^4c\right)$

d7. $\left(+\frac{35}{16}ac\right)\cdot\left(-\frac{8}{11}a^3b\right)\cdot\left(+\frac{6}{14}a^2\right)$

d8. $\left(+\frac{27}{35}z^3\right)\cdot\left(+\frac{7}{15}xyz\right)\cdot\left(+\frac{10}{6}x^2y^3\right)$

Divisione tra monomi (1)

e1. $(+8a^3b^2):(-2ab)$

e2. $(+15a^4b^5c):(-3a^3b^2)$

e3. $(+32a^4c^5):(+8ac^3)$

e4. $(-63x^3y):(-7x^2y)$

e5. $(-44a^4b^3c^5):(+4a^2b^2c)$

e6. $(-35abc):(+7ac)$

e7. $(+52b^4c^6):(+13b^2c^3)$

e8. $(+28xyz):(+7xz)$

e9. $(-60x^8yz^2):(-15x^4y^2z^3)$

e10. $\left(+\frac{9}{16}a^3b^4c^2\right):\left(+\frac{15}{4}a^2b^3\right)$

e11. $\left(+\frac{27}{35}a^3b^2c^4\right):\left(+\frac{18}{21}ab^2c\right)$

e12. $\left(-\frac{42}{49}X^4y\right):\left(-\frac{8}{7}x\right)$

e13. $\left(-\frac{64}{27}a^4b^2c^5\right):\left(+\frac{9}{40}a^3c^4\right)$

e14. $\left(+\frac{25}{4}xy\right):(+15xyz)$

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Divisione tra monomi (2)

f1. $(-8a^5b^4c^3):(-2ab):(+2a^2c)$

f2. $(+70a^7c^4):(-2a^4):(+5c^3)$

f3. $(-60x^4y^3z):(-3x^2z):(-5y^2)$

f4. $(-140a^9b^4c^8):(+10a^3b^2c^3):(-7abc)$

f5. $\left(+\frac{45}{25}a^5c^7\right)\cdot\left(+\frac{18}{5}a^2c^3\right)\cdot\left(+\frac{3}{5}a^2c\right)$

f6. $\left(+\frac{13}{4}x^5y^4z^3\right)\cdot\left(+\frac{26}{5}ax^3z^2\right)\cdot\left(+\frac{10}{2}y^2\right)$

Potenze di monomi (1)

g1. $(+4a^3)^2$

g2. $(-5ab^4)^2$

g3. $(-3b^2c^3)^3$

g4. $(+6x)^3$

g5. $(+2a^2b^4c^3)^4$

g6. $(-9abc^2)^3$

g7. $(-12ac)^2$

g8. $(-13xy^2z^3)^2$

g9. $[(-5ab^3)^2]^2$

g10. $[[-1bc^3]^3]^2$

g11. $(+4ab^3c^4)^0$

g12. $\left(+\frac{4}{3}a^2b\right)^2$

g13. $\left(-\frac{5}{4}ab^2c\right)^3$

g14. $\left(+\frac{12}{7}x^2y^3\right)^1$

g15. $\left(-\frac{7}{2}a^2b^2c^3\right)^3$

g16. $\left(+\frac{9}{4}ab\right)^0$

g17. $\left[\left(+\frac{2}{3}a^3b^4c^2\right)^2\right]^3$

Potenze di monomi (2)

h1. $(+4a^2b^3-2a^2b^3)^2$

h2. $(+9ab^2c^3+3ab^2c^3)^2$

h3. $(+5a^4-4a^4+2a^4)^3$

h4. $(-2x^2z-x^2z)^4$

h5. $\left(+\frac{2}{3}y^3z^2-\frac{1}{2}y^3z^2\right)^3$

h6. $\left(-\frac{6}{5}c^3-\frac{1}{3}c^3\right)^2$

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