# Monomi

## Risolvi le seguenti somme e differenze tra monomi.

*Esempio:* $4a + 5b - 3a = a + 5b$

1. $62c + 36b - 9c$ $45a - 42a + 6b$ $[53c + 36b; 3(a + 2b)]$
2. $8a + 21a - 12a$ $77ab - 47ab + ab$ $[17a; 31ab]$
3. $89b^2 + 63b^2 - 3b^2$ $37ac + 9ac - 63ac$ $[149b^2; -17ac]$
4. $24b - 40c - 76b + 34c$ $34c - 62c - 47a + 68c$ $[-2(26b + 3c); 40c - 47a]$
5. $8c + 55b + 73c - 52c$ $89a - 41c + 1a - 69c$ $[29c + 55b; 10(9a - 11c)]$
6. $58b - 14c + 65b - 9a$ $28b + 12c + 86c - 83c$ $[3(41b - 3a) - 14c; 28b + 15c]$
7. $83b - 87b + 36c$ $38c^3 - 32c^2 + 90c + 5c^2$ $[4(-b + 9c); c(38c^2 - 27c + 90)]$
8. $32y + 15y - 61z + 25y$ $40z^4 + 54z - 28z^4 + 25x$ $[72y - 61z; z(12z^3 + 54) + 25x]$
9. $11z^2 - 75z + 61z - 44y^3$ $77y + 67y - 80x - 53y$ $[z(11z - 14) - 44y^3; 91y - 80x]$
10. $79y^2 - 40z - 63y^2 - 38z$ $20z + 61z - 82x^3 - 27z$ $[2(8y^2 - 39z); 2(27z - 41x^3)]$
11. $49y^2 - 67y^2 - 16z + 25y^2$ $64x^5 - 85z^2 + 27x^5 - 41z^2$ $[7y^2 - 16z; 91x^5 - 126z^2]$
12. $58y - 9y + 53x - 46x$ $80y^3 + 76z - 57y - 11z$ $[7(7y + x); y(80y^2 - 57) + 65z]$
13. $64y - 85y - 43y^4$ $77x - 30y - 61x$ $[-y(21 + 43y^3); 2(8x - 15y)]$
14. $\frac{8}{5}ab + \frac{12}{40}ab$ $\frac{3}{2}y^2x - \frac{9}{4}y^2x$ $\left[\frac{19}{10}ab; -\frac{3}{4}y^2x\right]$
15. $\frac{7}{5}xyz + \frac{8}{3}z - \frac{9}{10}xyz - \frac{1}{7}z$ $\frac{5}{3}zy + \frac{11}{4}zy - \frac{7}{6}zy$ $\left[\frac{1}{2}xyz + \frac{55}{21}z; \frac{13}{4}zy\right]$