

Definitions

Terms	Coefficient	Constant Term	Variables
eg: In $3t-8+2$, $3x, -8, 2$	eg: In $2p$, 2	eg: In $3g+2r-10$, -10	eg: In $16a$, a
eg: In $4f-29$, $4f, 29$	eg: In $-k$, -1	eg: In $13+4j-9$, $13, -9$	eg: In $-x^2 y$, $x^2 y$

Like & Unlike Terms

Like Terms	Unlike Terms
Have identical variable parts	Do not have identical variable parts
eg: $1f, 4f$	eg: $-ab^6, a^6 b$
eg: $-4, 20$	eg: $6c, 12j$
eg: $-p^3 q, 8p^3 q$	eg: $15w, 15$

Expansion

eg: $5(u+7) = 5u+35$
 eg: $-36(3-2k) = (-108)+72k$

Factorising

eg: $2d+4 = 2(d+2)$
 eg: $11bc+33bd = 11b(c+3d)$
 eg: $3a(2x-5)-4(2x-5) = (2x-5)(3a-4)$

* Take Note *

eg: $8p-5+6 = 8p+1$ eg: $x-(12x-4) = x-12x+4$

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