Algebra Cheat Sheet

by Zhimin04 via cheatography.com/36662/cs/11523/

Definitions

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

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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