Can you match each word with the correct definition here ?

Expression		Contains unknown value but no equals sign.
Equation		Contains unknowns and can be solved.
Formula		Links one value to one or more other value.
Identity		Always true no matter what values are substituted

Solutions:

Expression	Equation	Formula	Identity
$2a$	$2x + 3 = 10$	$A = \prod r^2$	$2(x + y) = 2x + 2y$
$6x^3$	$27 = 6x + 3$	$P = 2(l + w)$	$(a + b) = (b + a)$
$10a + 5b$	$13a = 39$	$A = bh$	$xy = yx$
$2N + 5$	$5x - 3 = 15$	$y = mx + c$	$N + 4 = 4 + N$
$3x - 2$	$12x^3 = 12$	$V = \prod r^2 h$	$(a + b)^2 = a^2 + 2ab + b^2$

Solutions:

Expressions a = 5, b = -2, N = 0.5, x = 10	Equations Solve them.	Formulas What are these the formulas for?	Identities
2a = 10	2x + 3 = 10 x = 3.5	$A = \prod r^2$ Area of a circle	
$6x^3 = 6000$	27 = 6x + 3 x = 4	P = 2(l + w) Perimeter of a rectangle	
10a + 5b = 40	13a = 39 a = 3	A = bh Area of a parallelogram	
2N + 5 = 6	5x - 3 = 15 x = 3 3/5 or 3.6	y = mx + c A straight line	

$3x - 2 = 28$	$12x^3 = 12$ $x = 1$	$V = \prod r^2 h$ Volume of a cylinder	