

Rearranging Formulae. Make x the subject of these formulae.

(a)	(b)	(c)	(d)
$y = x + a$ $x = y - a$	$y = bx$ $x = \frac{y}{b}$	$y = \frac{x}{c}$ $x = cy$	$y = bx + a$ $x = \frac{y - a}{b}$
(e)	(f)	(g)	(h)
$y = \frac{x}{a} + b$ $x = a(y - b)$	$y = \frac{x}{a} - b$ $x = a(y + b)$	$y = \frac{x + b}{2}$ $x = 2y - b$	$y = 4x + a$ $x = \frac{y - a}{4}$
(i)	(j)	(k)	(l)
$y = x^2$ $x = \pm\sqrt{y}$	$y = x^2 + a$ $x = \pm\sqrt{y - a}$	$2y = x^2 - b$ $x = \pm\sqrt{2y + b}$	$y = ax^2$ $x = \pm\sqrt{\frac{y}{a}}$
(m)	(n)	(o)	(p)
$y = ax^2 + b$ $x = \pm\sqrt{\frac{y - b}{a}}$	$2y = bx^2$ $x = \pm\sqrt{\frac{2y}{b}}$	$y = \frac{3x + a}{5}$ $x = \frac{5y - a}{3}$	$y = \sqrt{x + b}$ $x = y^2 - b$