

Rearranging Multi-Step Formulae. Make x the subject of each of the formulae.

(a)	(b)	(c)	(d)
$y = \frac{ax}{b} + c$ $x = \frac{b(y - c)}{a}$	$y = \frac{ax^3}{b}$ $x = \sqrt[3]{\frac{by}{a}}$	$ax + by = c$ $x = \frac{c - by}{a}$	$y = \sqrt{\frac{bx}{10}}$ $x = \frac{10y^2}{b}$
(e)	(f)	(g)	(h)
$y + a = \frac{x}{2b} - 3a$ $x = 2b(y + 4a)$	$x^2 + y^2 = 9$ $x = \pm\sqrt{9 - y^2}$	$y = ab + \sqrt{cx}$ $x = \frac{(y - ab)^2}{c}$	$y = \frac{2x + a}{b}$ $x = \frac{by - a}{2}$
(i)	(j)	(k)	(l)
$y = \sqrt[3]{5x - a}$ $x = \frac{y^3 + a}{5}$	$y = \frac{a(x - 2)}{b}$ $x = \frac{by}{a} + 2$	$y + 6 = \frac{ax}{2} - 4y$ $x = \frac{2(5y + 6)}{a}$	$y^3 = \frac{x^2}{a} - b^2$ $x = \pm\sqrt{a(y^3 + b^2)}$