REARRANGING FORMULAE
ONE-STEP PROBLEMS

Ref: G241. **1F1**

A1 Make x the subject of $a = x + 2$	**A2** Make x the subject of $a = 3x$	**A3** Make x the subject of $a = x - 6$	**A4** Make x the subject of $a = \dfrac{x}{4}$
B1 Make x the subject of $a = x - b$	**B2** Make x the subject of $a = bx$	**B3** Make x the subject of $a = \dfrac{x}{b}$	**B4** Make x the subject of $a = b + x$
C1 Make x the subject of $m = ax$	**C2** Make x the subject of $n = x + a$	**C3** Make x the subject of $p = \dfrac{x}{a}$	**C4** Make x the subject of $q = x - a$
D1 Make x the subject of $m = x + 2a$	**D2** Make x the subject of $m = \dfrac{x}{3a}$	**D3** Make x the subject of $m = 3ax$	**D4** Make x the subject of $m = x - ab$
E1 Make x the subject of $a = x^2$	**E2** Make x the subject of $a = \sqrt{x}$	**E3** Make x the subject of $a = b^2 x$	**E4** Make x the subject of $a^2 = x + 3a$

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A1 Make x the subject of $a = x + 2$ $x = a - 2$	**A2** Make x the subject of $a = 3x$ $x = \dfrac{a}{3}$	**A3** Make x the subject of $a = x - 6$ $x = a + 6$	**A4** Make x the subject of $a = \dfrac{x}{4}$ $x = 4a$
B1 Make x the subject of $a = x - b$ $x = a + b$	**B2** Make x the subject of $a = bx$ $x = \dfrac{a}{b}$	**B3** Make x the subject of $a = \dfrac{x}{b}$ $x = ab$	**B4** Make x the subject of $a = b + x$ $x = a - b$
C1 Make x the subject of $m = ax$ $x = \dfrac{m}{a}$	**C2** Make x the subject of $n = x + a$ $x = n - a$	**C3** Make x the subject of $p = \dfrac{x}{a}$ $x = ap$	**C4** Make x the subject of $q = x - a$ $x = q + a$
D1 Make x the subject of $m = x + 2a$ $x = m - 2a$	**D2** Make x the subject of $m = \dfrac{x}{3a}$ $x = 3am$	**D3** Make x the subject of $m = 3ax$ $x = \dfrac{m}{3a}$	**D4** Make x the subject of $m = x - ab$ $x = m + ab$
E1 Make x the subject of $a = x^2$ $x = \sqrt{a}$	**E2** Make x the subject of $a = \sqrt{x}$ $x = a^2$	**E3** Make x the subject of $a = b^2 x$ $x = \dfrac{a}{b^2}$	**E4** Make x the subject of $a^2 = x + 3a$ $x = a^2 - 3a$

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