



REARRANGING FORMULAE

ONE-STEP PROBLEMS

Ref: G241. **1S1**

A1 Make x the subject of $t = x - 2$	A2 Make x the subject of $d = ax$	A3 Make x the subject of $q = \frac{x}{9}$	A4 Make x the subject of $f = a + x$
B1 Make x the subject of $m = \frac{x}{a}$	B2 Make x the subject of $q = x - b^2$	B3 Make x the subject of $r = 5x$	B4 Make x the subject of $p = 6 + x$
C1 Make x the subject of $w = x - \frac{b}{a}$	C2 Make x the subject of $r = \frac{x}{5a}$	C3 Make x the subject of $v = x + \frac{c}{d}$	C4 Make x the subject of $m = 2ax$
D1 Make x the subject of $w = x - ab$	D2 Make x the subject of $b = 7a + x$	D3 Make x the subject of $n = \frac{x}{ab}$	D4 Make x the subject of $w = abx$
E1 Make x the subject of $r = x^2$	E2 Make x the subject of $q^2 = x - m^2$	E3 Make x the subject of $2a = \sqrt{x}$	E4 Make x the subject of $m = \frac{x}{\sqrt{n}}$



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<p>A1 Make x the subject of</p> $t = x - 2$ $x = t + 2$	<p>A2 Make x the subject of</p> $d = ax$ $x = \frac{d}{a}$	<p>A3 Make x the subject of</p> $q = \frac{x}{9}$ $x = 9q$	<p>A4 Make x the subject of</p> $f = a + x$ $x = f - a$
<p>B1 Make x the subject of</p> $m = \frac{x}{a}$ $x = am$	<p>B2 Make x the subject of</p> $q = x - b^2$ $x = q + b^2$	<p>B3 Make x the subject of</p> $r = 5x$ $x = \frac{r}{5}$	<p>B4 Make x the subject of</p> $p = 6 + x$ $x = p - 6$
<p>C1 Make x the subject of</p> $w = x - \frac{b}{a} \quad x = w + \frac{b}{a}$	<p>C2 Make x the subject of</p> $r = \frac{x}{5a} \quad x = 5ar$	<p>C3 Make x the subject of</p> $v = x + \frac{c}{d} \quad x = v - \frac{c}{d}$	<p>C4 Make x the subject of</p> $m = 2ax$ $x = \frac{m}{2a}$
<p>D1 Make x the subject of</p> $w = x - ab$ $x = w + ab$	<p>D2 Make x the subject of</p> $b = 7a + x$ $x = b - 7a$	<p>D3 Make x the subject of</p> $n = \frac{x}{ab}$ $x = abn$	<p>D4 Make x the subject of</p> $w = abx$ $x = \frac{w}{ab}$
<p>E1 Make x the subject of</p> $r = x^2$ $x = \sqrt{r}$	<p>E2 Make x the subject of</p> $q^2 = x - m^2$ $x = q^2 + m^2$	<p>E3 Make x the subject of</p> $2a = \sqrt{x}$ $x = (2a)^2 \text{ or } x = 4a^2$	<p>E4 Make x the subject of</p> $m = \frac{x}{\sqrt{n}}$ $x = m\sqrt{n}$