

Change of Subject of Formulae.

In each case make the letter in the brackets the new subject of the formula.

1) $t = 2w + 7$ (w)

2) $p = r - 2tg$ (t)

3) $A = \frac{(a + b)d}{2}$ (a)

4) $s = ut + \frac{1}{2}at^2$ (a)

5) $v^2 = u^2 + 2as$ (u)

6) $S = \frac{D}{T}$ (T)

7) $A = 4\pi r^2$ (r)

8) $V = 4\pi r^3$ (r)

9) $h = 4\sqrt{g}$ (g)

h) $T = 2\pi\sqrt{\frac{L}{g}}$ (g)

i) $6f = 7(d + 2f)$ (f)

j) $y = 5(3n - y)$ (y)

k) $g = 6 + \frac{3}{x}$ (x)

l) $v = r - \frac{d}{f^2}$ (f)

m) $\frac{1}{t} = \frac{1}{f} + \frac{1}{d}$ (p)

n) $\frac{5}{v} = \frac{7}{d} - \frac{6}{h}$ (h)

o) $\frac{9}{f} = \frac{5}{v^2} - \frac{2}{j}$ (v)