



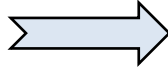
Test 3

Inversion de formules

Exercice 1 Inverser la formule de gauche pour trouver la grandeur de droite :

a)

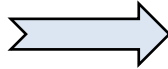
$$F = ma$$



$$a =$$

b)

$$U = RI$$



$$R =$$

c)

$$PV = nRT$$



$$n =$$

d)

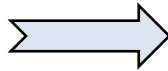
$$P = P_{atm} + \rho gh$$



$$\rho =$$

e)

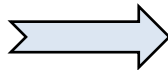
$$\bar{v} = \frac{v_f - v_i}{2}$$



$$v_i =$$

f)

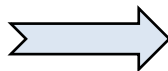
$$v = at + v_0$$



$$t =$$

g)

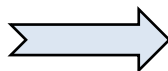
$$E = mc^2$$



$$c =$$

h)

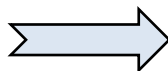
$$T = 2\pi \sqrt{\frac{L}{g}}$$



$$g =$$

i)

$$MV - mv = (M + m)V_f$$



$$m =$$

j)

$$R = \frac{R_1 R_2}{R_1 + R_2}$$



$$R_1 =$$