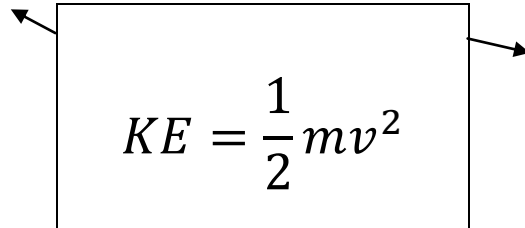


Changing the subject

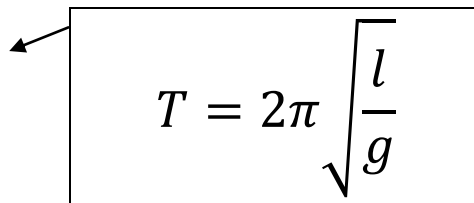
Rearrange each formula to make a different variable the subject
(ie, the letter only appears once, on its own, on one side of the = sign)

$m =$

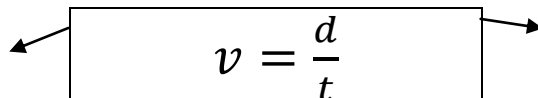

$$KE = \frac{1}{2}mv^2$$

$v =$

$l =$

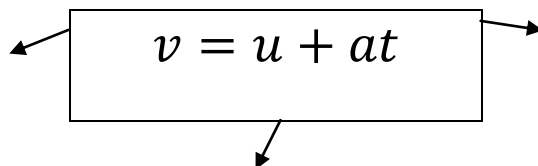

$$T = 2\pi \sqrt{\frac{l}{g}}$$

$t =$


$$v = \frac{d}{t}$$

$d =$

$u =$


$$v = u + at$$

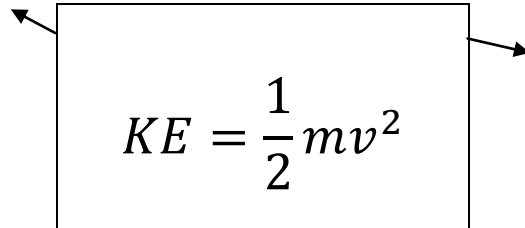
$a =$

$t =$

Changing the subject

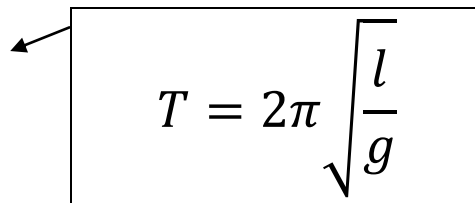
Rearrange each formula to make a different variable the subject
(ie, the letter only appears once, on its own, on one side of the = sign)

$m =$

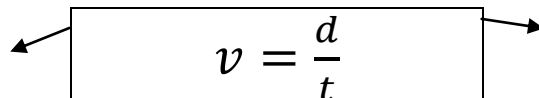

$$KE = \frac{1}{2}mv^2$$

$v =$

$l =$

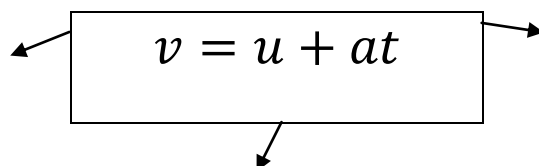

$$T = 2\pi \sqrt{\frac{l}{g}}$$

$t =$


$$v = \frac{d}{t}$$

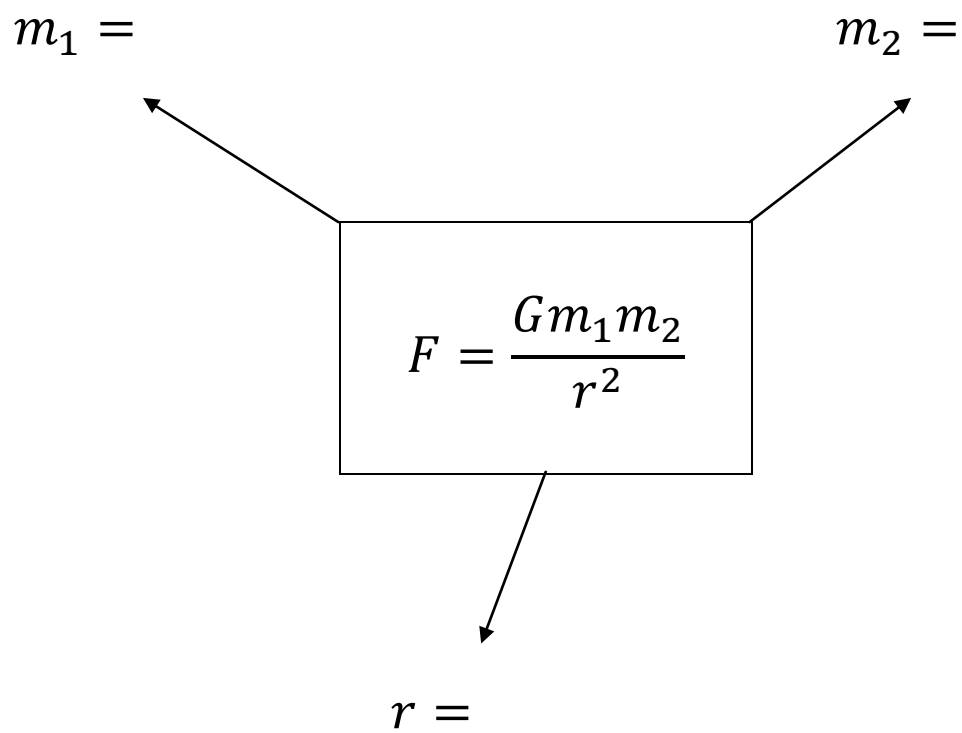
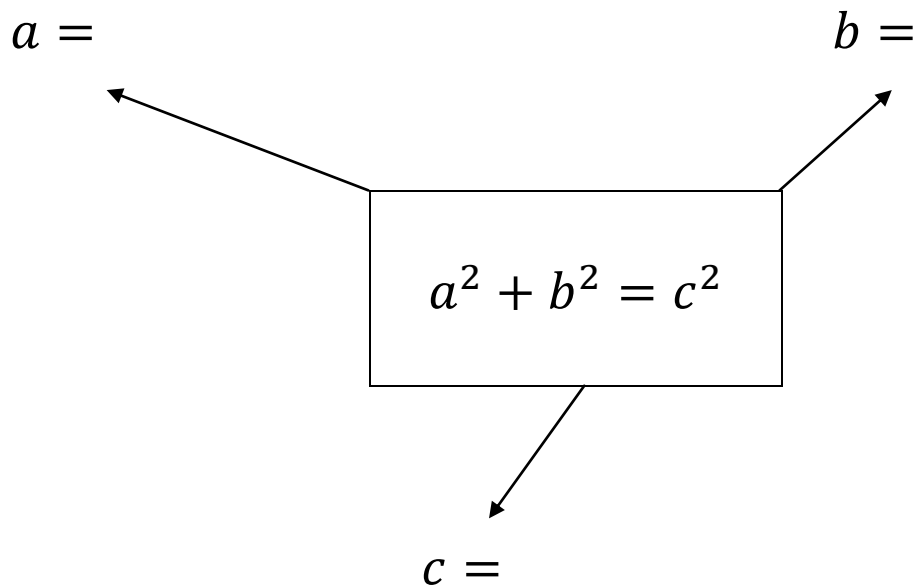
$d =$

$u =$


$$v = u + at$$

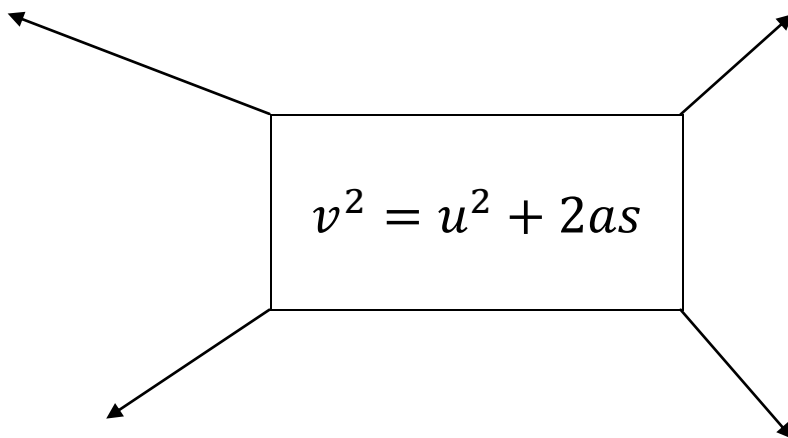
$a =$

$t =$



$v =$

$u =$

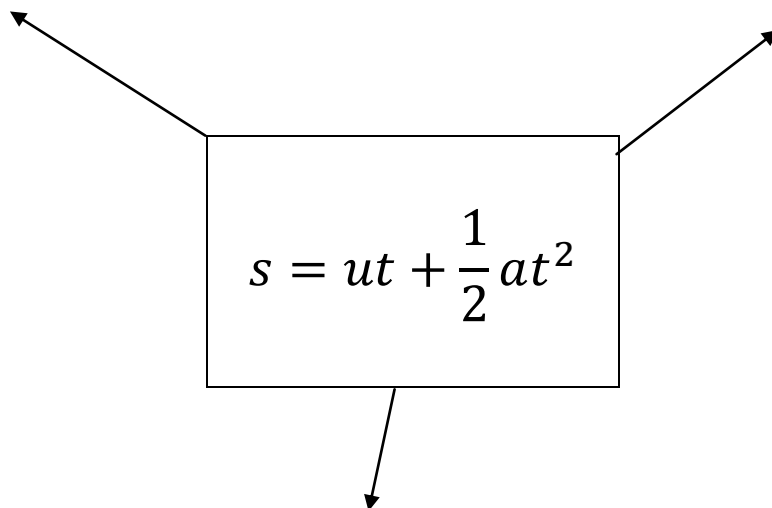


$a =$

$s =$

$a =$

$u =$



$t =$

Changing the subject

Rearrange each formula to make a different variable the subject
(ie, the letter only appears once, on its own on one side of the = sign)

$$m = \frac{2KE}{v^2} \quad \leftarrow \boxed{KE = \frac{1}{2}mv^2} \quad \rightarrow v = \sqrt{\frac{2KE}{m}}$$

$$l = g \left(\frac{T}{2\pi} \right)^2 \quad \leftarrow \boxed{T = 2\pi \sqrt{\frac{l}{g}}}$$

$$t = \frac{d}{v} \quad \leftarrow \boxed{v = \frac{d}{t}} \quad \rightarrow d = vt$$

$$u = v - at \quad \leftarrow \boxed{v = u + at} \quad \rightarrow a = \frac{v - u}{t}$$
$$t = \frac{v - u}{a}$$

