

These are to be completed before your first Engineering lesson in September. You will need your answers in that first lesson, so don't forget to bring them in with you!

subject

(m) (i) $M = Ft$ (ii) (b) $q = \frac{W}{A}$

(c) $n = \frac{c}{t}$ (d) (b) $R/I = V$ (d)

the subject

3.3 Make v the subject of the following equation:

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

equation

3.4 Make $\sin(i)$ the subject of the following equation:

$$n = \frac{\sin(i)}{\sin(r)}$$

3.5 Make x the subject of the following equation:

$$10(x + 2) = 50$$

3.6 Make T the subject of the following equation:

$$(2x)^3 = 0.8$$