

EXERCISE 1C

- 1 Make (i) a (ii) t the subject in $v = u + at$.
- 2 Make h the subject in $V = lwh$.
- 3 Make r the subject in $A = \pi r^2$.
- 4 Make (i) s (ii) u the subject in $v^2 - u^2 = 2as$.
- 5 Make h the subject in $A = 2\pi rh + 2\pi r^2$.
- 6 Make a the subject in $s = ut + \frac{1}{2}at^2$.
- 7 Make b the subject in $h = \sqrt{a^2 + b^2}$.
- 8 Make g the subject in $T = 2\pi \sqrt{\frac{l}{g}}$.
- 9 Make m the subject in $E = mgh + \frac{1}{2}mv^2$.
- 10 Make R the subject in $\frac{1}{R} = \frac{1}{R_1} + \frac{1}{R_2}$.
- 11 Make h the subject in $bh = 2A - ah$.
- 12 Make u the subject in $f = \frac{uv}{u+v}$.
- 13 Make d the subject in $u^2 - du + fd = 0$.
- 14 Make V the subject in $p_1VM = mRT + p_2VM$.