

- 1) Make  $c$  the subject of the formula.

$$v = 2a + 3b + c$$

- 2) Make  $t$  the subject of the formula.

$$A = \pi t + 5t$$

- 3) Make  $s$  the subject of the formula.

$$R = 3s + \pi s + 2t$$

4)  $k = \frac{l}{m-l}$

- a) Make  $l$  the subject of the formula.

- b) Make  $m$  the subject of the formula.

5)  $A = \frac{k(x+5)}{3}$

Make  $x$  the subject of the formula.

6)  $R = \frac{u+v^2}{u+v}$

Make  $u$  the subject of the formula.

7)  $\frac{3x+2}{5} = \frac{y}{10+y}$

Make  $y$  the subject of the formula.

8)  $\sqrt{\frac{a-3}{5}} = 4b$

Rearrange this formula to give  $a$  in terms of  $b$ .

9)  $S = 2\pi d\sqrt{h^2 + d^2}$

Rearrange this formula to make  $h$  the subject.