



SPTA

N5 Homework

Change Subject (B)



Show all working – NO Calculator allowed.

Marks

1. Change the subject of $P = R^2b - 5$ to R

(3)

2. The volume of blood, V litres, in an adult woman's body can be calculated using the formula:

$$V = \frac{53.7W + 984}{1000} . \text{ Change the subject to } W. \quad (3)$$

3. Change the subject of $y = \frac{2}{x-1}$. Change the subject to x .

(3)

4. The formula for finding the volume of a cone is $V = \frac{1}{3}\pi r^2 h$,

where r is the radius and h is the height. Make r the subject of the formula.

(3)

Total Marks: 12