Summer 2017 Paper 3 Q11

1 $T = 4v + 3$

(a) Work out the value of T when $v = 2$

$T =$ .....

(2)

(b) Make v the subject of the formula $T = 4v + 3$

.....

(2)

(Total for Question 1 is 4 marks)

Autumn 2022 Paper 3 Q21

2 Make a the subject of the formula $p = 3a - 9$

.....

(Total for Question 2 is 2 marks)

Summer 2022 Paper 3 Q23

3 $T = 4m^2 - 11$

(a) Work out the value of T when $m = -3$

$T =$ .....

(2)

(b) Make p the subject of the formula $d = 3p + 4$

.....

(2)

(Total for Question 3 is 4 marks)

Autumn 2018 Paper 1 Q21

4 $v^2 = u^2 + 2as$

$u = 12 \quad a = -3 \quad s = 18$

(a) Work out a value of v.

.....

(2)

(b) Make s the subject of $v^2 = u^2 + 2as$

.....

(2)

(Total for Question 4 is 4 marks)

Autumn 2018 Paper 2 Q19

5 (a) Solve $3(x - 4) = 12$

$x =$ .....

(2)

(b) Factorise fully $9b - 3b^2$

.....

(2)

(Total for Question 5 is 4 marks)

Summer 2018 Paper 3 Q28

6 Make g the subject of the formula $T = \sqrt{\dfrac{g+6}{2}}$

.....

(Total for Question 6 is 3 marks)

Summer 2019 Paper 3 Q19

7 Make x the subject of the formula $y = 2x + 4$

.....

(Total for Question 7 is 2 marks)

Summer 2020 Paper 1 Q30

8 (a) Make q the subject of $p = 6q + 7$

.....

(2)

(b) Simplify $(m^{-2})^{-3}$

.....

(1)

(Total for Question 8 is 3 marks)