1 (f) Make t the subject of $e = 7t + g$

write it as $t = .$

$e = 7t + g$

$-g$ ↓ $e - g = 7t$ (1)

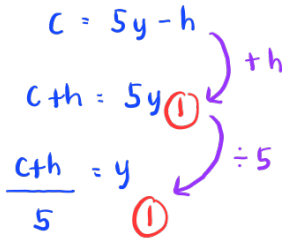
$\div 7$ ↓ $\frac{e-g}{7} = t$

$t = \frac{e-g}{7}$ (1)

(2)

(Total for Question 1 is 2 marks)

2 (b) Make y the subject of the formula $c = 5y - h$



$y = \frac{c+h}{5}$

.....

(2)

(Total for Question 2 is 2 marks)

3 (a) Make a the subject of $d = g + 2ac$

$d = g + 2ac$

$d - g = 2ac$ (1)

$2a = \frac{d-g}{c}$

$a = \frac{d-g}{2c}$

$\frac{d-g}{2c}$ (1)

.....

(2)

(Total for Question 3 is 2 marks)

4 (c) Make p the subject of the formula $f = 3p - d$

$f = 3p - d$

$f + d = 3p$ (1) $+ d$

$\frac{f+d}{3} = p$ (1) $\div 3$

$p = \frac{f+d}{3}$

.....

(2)

(Total for Question 4 is 2 marks)

5 (b) Make t the subject of the formula $p = at - d$

$p = at - d$

$p + d = at$ (1)

$t = \frac{p+d}{a}$ (1)

$t = \frac{p+d}{a}$

(2)

(Total for Question 5 is 2 marks)

6 (a) Make c the subject of $A = \frac{c}{y} - 5z$

$A = \frac{c}{y} - 5z$ $\times y$

$Ay = c - 5yz$ (1) $+5yz$

$c = Ay + 5yz$

$c = y(A + 5z)$ (1)

$c = y(A + 5z)$

(2)

(Total for Question 6 is 2 marks)

7 (c) Make d the subject of $y = dx - e$

$y = dx - e$

$y + e = dx$ (1)

$d = \frac{y+e}{x}$ (1)

$d = \frac{y+e}{x}$

(2)

(Total for Question 7 is 2 marks)

8 (d) Make g the subject of $k = 2g + t$

$2g = k - t$ (1)

$g = \frac{k-t}{2}$ (1)

$g = \frac{k-t}{2}$

.....

(2)

(Total for Question 8 is 2 marks)

9 (d) Make t the subject of $c = t^3 - 8v$

$t^3 = c + 8v$ (1)

$t = \sqrt[3]{c+8v}$ (1)

$t = \sqrt[3]{c+8v}$

(2)

(Total for Question 9 is 2 marks)

10 (c) Make m the subject of the formula $h = \frac{m}{2} + 4$

$2h = m + 8$ (1)

$m = 2h - 8$

$= 2(h - 4)$ (1)

$m = 2(h - 4)$

.....

(2)

(Total for Question 10 is 2 marks)

11 (b) Make x the subject of the formula $d = 3x + 10$

$3x = d - 10$ (1)

$x = \frac{d-10}{3}$ (1)

$x = \frac{d-10}{3}$

.....

(2)

(Total for Question 11 is 2 marks)