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

.....
(2)



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- 1 (a) Make a the subject of the formula $M = ac - bd$

.....
(2)



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

.....
(2)

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

n

.....
(2)

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

.....
(2)



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10 (c) Make f the subject of $= \sqrt{\frac{1}{3}} f$

(2)



P 5 9 0 2 4 A 0 1 1 2 4

14

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(b) Make c the subject of the formula $p = \sqrt{\frac{ac + 8}{3 + c}}$

(4)



12

(b) Make c the subject of the formula $f = \sqrt{\frac{a + bc}{c - d}}$

(4)



12

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(d) Make r the subject of $m = \sqrt{\frac{6a + r}{5r}}$

.....
(4)



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14

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(b) Make c the subject of $g = \frac{c+3}{4+c} - 7$

.....
(4)



15 Make x the subject of $y = \frac{5 - 2x}{x + 3}$

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(Total for Question 15 is 4 marks)



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15 (a) Make g the subject of $e = \sqrt{\frac{7g+5}{11+2g}}$

(4)



15 Make n the subject of the formula $x = \frac{3p+n}{3n-4}$

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(Total for Question 15 is 3 marks)



15 Make x the subject of the formula $y = \sqrt{\frac{3x-2}{x+1}}$

(Total for Question 15 is 4 marks)

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15 Make t the subject of $n^2 = \frac{4d+t^3}{t^3}$

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(Total for Question 15 is 4 marks)



16 Make x the subject of $y = \sqrt{\frac{x+1}{x-4}}$

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(Total for Question 16 is 4 marks)



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17 Given that $n > 0$

make n the subject of the formula $y = \frac{n^2 + d}{n^2}$

(Total for Question 17 is 4 marks)



17

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(b) Make f the subject of $w = \frac{2f + 3}{8 - f}$

(3)



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17 Make x the subject of $y = \sqrt[3]{\frac{+x}{+4}}$

(Total for Question 17 is 4 marks)



17

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(b) Make e the subject of $w = \sqrt{\frac{e+g}{ef-d}}$

(4)



P 7 2 8 2 8 A 0 1 7 2 8

18

(b) Make m the subject of $p^2 = \frac{x+m}{2m-y}$

(3)



P 6 0 2 6 0 A 0 1 7 2 4