

Subjecting Formula Past Paper Questions Edexcel Maths IGCSE Higher-Calculator

1.

Make y the subject of $3(y + 2x - 1) = x + 5y$

$y =$

2.

Make h the subject of the formula $A = 2\pi r(r + h)$

$h =$

3.

Make r the subject of the formula $A = 4r^2 - \pi r^2$ where r is positive.

$r = \dots\dots\dots$

4.

Given that y is positive, make y the subject of $y = \sqrt{ay^2 + n}$

Show clear algebraic working.

$y = \dots\dots\dots$

5.

Make t the subject of $5(t - g) = 2t + 7$

6.

) Make p the subject of the formula $t = \frac{7 - 2p}{3p + 1}$

(4)

7.

Make e the subject of $k = \sqrt{\frac{5m + 2e}{3e}}$

8.

Make a the subject of $x = \sqrt{\frac{2b - a}{7 - am}}$

(Total for Question 8 is 4 marks)
