## CHANGING THE SUBJECT OF A FORMULA

Pearson Edexcel - Tuesday 19 May 2020 - Paper 1 (Non-Calculator) Foundation Tier

<b>30</b> (a) Make q the subject of $p = 6q + 7$	
So (a) wake $q$ the subject of $p = 0q + \gamma$	
(I) Cimalify (m2)-3	(2)
(b) Simplify $(m^{-2})^{-3}$	
	(1)
	(Total for Question 30 is 3 marks)

## Pearson Edexcel - Tuesday 11 June 2019 - Paper 3 (Calculator) Foundation Tier

- 2.
- 19 Make x the subject of the formula y = 2x + 4

(Total for Question 19 is 2 marks)

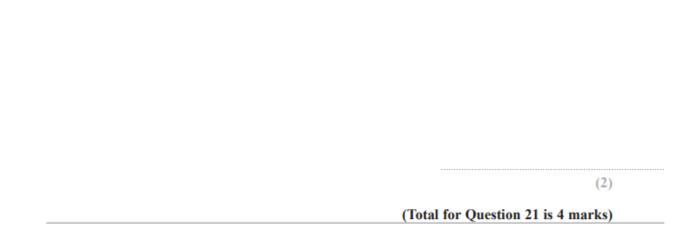
## Pearson Edexcel - Tuesday 6 November 2018 - Paper 1 (Non-Calculator) Foundation Tier

3.

21 
$$v^2 = u^2 + 2as$$

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

(a) Work out a value of v.



Pearson Edexcel - Tuesday 12 June 2018 - Paper 3 (Calculator) Foundation Tier

4.

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

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

(Total for Question 28 is 3 marks)

Pearson Edexcel – Specimen 2 - Paper 3 (Calculator) Foundation Tier				
	Pearson Edexcel – S	pecimen 2 - Paper	3 (Calculator)	Foundation Tier

5.

**24** Make t the subject of the formula 
$$y = \frac{t}{3} - 2a$$

(Total for Question 24 is 2 marks)

## Pearson Edexcel – Specimen 1 - Paper 2 (Calculator) Foundation Tier

6.

**20** Make t the subject of the formula w = 3t + 11

(Total for Question 20 is 2 marks)

OCR Thursday 8 November 2018	- Morning (Non-Calculator) Foundation Tier
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7.	
9 (a)	Rearrange this formula to make x the subject.
	y = x - 2
	(a)[1]
(b)	Rearrange this formula to make <i>d</i> the subject.
	$C = \pi d$
	(b)[1]
	el –Sample Papers - Paper 2 (Calculator) Foundation Tier
8. <i>p</i>	
$21  q = \frac{p}{r} + s$	
Make p the	subject of this formula.
	(Total for Question 21 is 2 marks)
	(

## OCR Thursday 8 June 2017 - Morning (Non - Calculator) Foundation Tier

9.

17 (a) Rearrange the equation to make x the subject.

$$y = 7x - 3$$

- (b) Factorise.
  - (i)  $x^2 xy$

- (b)(i) .....[1]
- (ii)  $x^2 + 8x + 12$

(ii) .....[2]

AQA Tuesday 19 May 2020 -	Morning (Non-Calculator)	<b>Foundation Tier</b>

10.

28	Rearrange	$c = \frac{d+2}{3}$	to make $d$ the subject.	[2 marks]
		Answer		
		19 – Morning (	Non-Calculator) Foundation Tier	
11. <b>27</b>		x = 2y - 6	to make $y$ the subject.	[2 marks]
		Answer		

## AQA Tuesday 12 June 2018 – Morning (Calculator) Foundation Tier

12.

21	Rearrange	e = 2f	to make f the subject
	Circle your ar	nswer.	

[1 mark]

$$f=2e$$
  $f=\frac{2}{e}$   $f=e-2$   $f=\frac{e}{2}$ 

## AQA Wednesday 8 November 2017 - Morning (Calculator) Foundation Tier

13.

27 (a)	Rearrange	v = u + at	to make <i>i</i> the subject of the formula.	[2 marks]

Answer			

27 (b) Complete this table with consistent metric units.

[2 marks]

Distance	Time	Speed	Acceleration
m	s		

# AQA Thursday 8 June 2017 – Morning (Calculator) Foundation Tier

14.

28	Rearrange	$y = \frac{x}{3} + 9$	to make x the subject.	
				[2 marks]
		Answer		