

**CHANGING THE SUBJECT OF A FORMULA**

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

1.

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

.....  
(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  $v^2 = u^2 + 2as$

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

(a) Work out a value of  $v$ .

---

(2)

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

---

(2)

---

**(Total for Question 21 is 4 marks)**

---

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

4.

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

---

**(Total for Question 28 is 3 marks)**

---

**Pearson Edexcel – Specimen 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

7.

- 9 (a) Rearrange this formula to make  $x$  the subject.

$$y = x - 2$$

(a) ..... [1]

- (b) Rearrange this formula to make  $d$  the subject.

$$C = \pi d$$

(b) ..... [1]

Pearson Edexcel –Sample Papers - Paper 2 (Calculator) Foundation Tier

8.

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.

$$y = 7x - 3$$

(a)  $x = \dots\dots\dots$  [2]

(b) Factorise.

(i)  $x^2 - xy$

(b)(i)  $\dots\dots\dots$  [1]

(ii)  $x^2 + 8x + 12$

(ii)  $\dots\dots\dots$  [2]

AQA Tuesday 19 May 2020 – Morning (Non-Calculator) Foundation Tier

10.

28 Rearrange  $c = \frac{d+2}{3}$  to make  $d$  the subject.

[2 marks]

---

---

---

---

Answer \_\_\_\_\_

AQA Tuesday 21 May 2019 – Morning (Non-Calculator) Foundation Tier

11.

27 Rearrange  $x = 2y - 6$  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 answer.

[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  $t$  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 \_\_\_\_\_