

## 2018 O Level E Maths Paper 2

Suggested answers by Ms Jayme Zhang (Key educator @ Keynote Learning)  
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Q1a)(i)  $\frac{v^2 t}{5}$

(ii)  $\frac{14y-3}{(2-2y)(y+3)}$

b)  $\frac{4x-3}{x-3}$

c)  $x = \frac{3}{2}n - 5$

Q2a)  $6\frac{4}{11}\%$

b) \$972.06

c)(ii) \$1767

Q3a)  $\begin{pmatrix} 490 & 280 & 210 \\ 350 & 210 & 210 \end{pmatrix}$

b)  $\begin{pmatrix} 0.75 \\ 1.50 \\ 2.25 \end{pmatrix}$

c)  $\begin{pmatrix} 1260 \\ 1050 \end{pmatrix}$

c) \$378

Q4a)(i)  $5+6n$

b)(i)  $\frac{19}{180}$

(ii)  $k=9$

(iii) 23

Q5a)  $\begin{pmatrix} 1 \\ 2 \end{pmatrix}$

b)  $\vec{OA} = \begin{pmatrix} -7 \\ 0 \end{pmatrix}$ ,  $\vec{OB} = \begin{pmatrix} 1 \\ 3 \end{pmatrix}$

c)  $55.3^\circ$  (1dp)

d) 5.39 units (3sf)

Q6a)  $\frac{3500}{x}$

b)  $\frac{3500}{x-10}$

d)  $x = 46.13$  or  $-36.13$

e) 42mm 30s

Q7b)(i)  $10.6 \text{ cm}^2$  (3sf)

(ii)  $107 \text{ cm}^2$  (3sf)

Q8b)  $38.7^\circ$  (1dp)

c)  $866 \text{ cm}^2$  (3sf)

d)  $144 \text{ cm}^2$

Q9(i) 19, 12, 4

(ii) 3.26

(iii) 0.524 (3sf)

Q10(i)  $\frac{2}{5}$

(ii) a.  $\frac{13}{50}$

b.  $\frac{9}{50}$

Q10a) 10.5g

d) draw:

$y = x(20-2x)(30-2x)$

when  $x = 5.75$ ,

mass = 9.82g (3sf)



# Gce O Level Mathematics Paper 2 answers

**Hongru Du**





## **Gce O Level Mathematics Paper 2 answers:**

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**British Affairs** ,1957 A Level Further Mathematics for OCR A Pure Core Student Book 1 (AS/Year 1) Ben Woolley, 2017-08-31 New 2017 Cambridge A Level Maths and Further Maths resources to help students with learning and revision Written for the OCR AS A Level Further Mathematics specification for first teaching from 2017 this print Student Book covers the Pure Core content for AS and the first year of A Level It balances accessible exposition with a wealth of worked examples exercises and opportunities to test and consolidate learning providing a clear and structured pathway for progressing through the course It is underpinned by a strong pedagogical approach with an emphasis on skills development and the synoptic nature of the course Includes answers to aid independent study

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leaking.... · Transmission 3 Answers. What would cause a transmission to freeze up? Lincoln LS The Lincoln LS is a four-door, five-passenger luxury sedan manufactured and marketed by Ford's Lincoln division over a single generation from 1999-2006.

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