Edexcel GCSE
Mathematics (Linear) – 1MA0
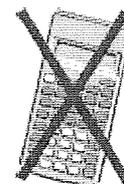
PLACE VALUE

Materials required for examination	**Items included with question papers**
Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser. Tracing paper may be used.	Nil

Instructions

Use black ink or ball-point pen.
Fill in the boxes at the top of this page with your name, centre number and candidate number.
Answer all questions.
Answer the questions in the spaces provided – there may be more space than you need.
Calculators may be used.

Information

The marks for each question are shown in brackets – use this as a guide as to how much time to spend on **each** question.
Questions labelled with an **asterisk** (*) are ones where the quality of your written communication will be assessed – you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.

Advice

Read each question carefully before you start to answer it.
Keep an eye on the time.
Try to answer every question.
Check your answers if you have time at the end.

1. Using the information that

$$19 \times 24 = 456$$

write down the value of

(a) 19×240

         4560

                              (1)

(b) 19×2.4

         45.60

                              (1)

(c) 1.9×2.4

         4.56

                              (1)

(d) $456 \div 190$

         2.4

                              (1)

                              (4 marks)

2. Given that $48.6 \times 35 = 1701$

write down the value of

(a) 4.86×3.5

         17.01

                              (1)

(b) 486×35

         17010

                              (1)

(c) 4.86×3.5

         1701

                              (1)

(d) $17.01 \div 35$

         0.486

                              (1)

                              (4 marks)

3. Given that $32 \times 14 = 448$

write down the value of

(a) 32×1.4

_44.8_

(1)

(b) 0.32×14

_4.48_

(1)

(c) 0.32×0.14

_0.0448_

(1)

(d) $448 \div 320$

_1.4_

(1)
(4 marks)

4. Use the information that

$$257 \times 34 = 8738$$

to find the value of

(a) 2.57×34

_87.38_

(1)

(b) 25.7×3.4

_87.38_

(1)

(c) 2.57×0.34

_0.8738_

(1)

(d) $873.8 \div 2.57$

_340_

(1)
(4 marks)

5. Using the information that

$$65 \times 423 = 27\ 495$$

find the value of

(i) 6.5×423

_2749.5_

(ii) 0.65×423

_274.95_

(iii) 0.65×4.23

_2.7495_

(iv) $274.95 \div 65$

_4.23_

(4 marks)

6. Using the information that

$$73 \times 154 = 11\ 242$$

write down the value of

(i) 73×1.54

_112.42_

(ii) 73×1.54

_112.42_

(iii) 7.3×1.54

_11.242_

(iv) $112\ 420 \div 0.73$

_154000_

(4 marks)

7. Use the information that

$$322 \times 48 = 15\ 456$$

to find the value of

(a) 3.22×4.8

_15.456_

(1)

(b) 3.22×0.48

_1.5456_

(1)

(c) 0.322×0.48

_0.15456_

(1)

(d) $15\ 456 \div 4.8$

_3220_

(1)
(4 marks)

8. Using the information that

$$38 \times 323 = 12\ 274$$

find the value of

(i) 3.8×32.3

_122.74_

(ii) 0.38×32.3

_12.274_

(iii) $12\ 274 \div 380$

_32.8_

(iv) 37×323

_11951_

(4 marks)

9. Using the information that

$$97 \times 123 = 11\ 931$$

write down the value of

(i) $0.97 \times 123\ 000$

119310

(ii) $11.931 \div 9.7$

1.23

(2 marks)

10. Using the information that

$$4.8 \times 34 = 163.2$$

write down the value of

(a) 48×34

1632

(1)

(b) 4.8×3.4

16.32

(1)

(c) $163.2 \div 48$

3.4

(1)

(3 marks)

11. $32 \times 129 = 4128$

Write down the value of

(i) 3.2×1.29

4.128

(ii) $32 \times 1\ 290$

41280

(iii) $0.32 \times 129\ 000$

41280

(3 marks)

12. Use the information that

$$56 \times 29 = 1624$$

to find the value of

(i) 56×0.29

_16.24_

(ii) 5.6×0.29

_1.624_

(iii) $1624 \div 0.29$

_5600_

(3 marks)

14. Use the information that

$$214 \times 49 = 10486$$

to find the value of

(a) 2.14×49

_104.86_

(1)

(b) $1048.6 \div 2.14$

_490_

(1)

(2 marks)

15. Using the information that

$$91 \times 121 = 11011$$

write down the value of

(i) 9.1×12.1

_110.11_

(ii) $0.91 \times 121\ 000$

_110110_

(iii) $11.011 \div 9.1$

_1.21_

(3 marks)

16. Use the information that

$$13 \times 17 = 221$$

to write down the value of

(i) 1.3×1.7

2.21

(ii) $22.1 \div 1700$

0.013

(2 marks)

17. Use the information that

$$43 \times 97 = 4171$$

to write down the value of

(i) 4.3×9.7

41.71

(ii) 4.3×0.97

4.171

(iii) $41.71 \div 43$

0.97

(3 marks)

18. Use the information that

$$84 \times 63 = 5292$$

to write down the value of

(i) 8.4×0.63

5.292

(ii) 0.84×0.63

0.5292

(iii) $52.92 \div 6.3$

8.4

(3 marks)