



E3-Mathematics

**Diagnostic
Assessment
Answers**

Mathematics Diagnostic Assessment Entry Level 3 – Answers
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SECTION ONE

1	(i) 26 29 72 79	(ii) 432 440 443 472	(iii) 92 48 32 21 12	Total : 3
2	(i) b) 337	(ii) a) 593	(iii) c) 801	Total : 3
3	(i) a) 131	(ii) c) 170	(iii) c) 242	Total : 3
4	(i) 5	(ii) 3	(iii) 7	Total : 3
5	(i) 7	(ii) 15	(iii) 8	Total : 3
6	(i) c) 180	(ii) b) 108	(iii) c) 390	Total : 3
7	(i) 8	(ii) 6	(iii) 5	Total : 3
8	(i) b) 11	(ii) c) 20r2	(iii) b) 7r2	Total : 3
9	(i) a) 910	(ii) c) 900	(iii) c) 30	Total : 3
10	(i) a) £4	(ii) c) 20 cm	(iii) c) £15	Total : 3

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11

(i) b) - (ii) a) + (iii) c) x (iv) a) + (v) d) ÷

Total : 5

12

(i) a) (ii) b) (iii) c)

$\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{3}$

Total : 3

13

(i) b) 9 (ii) c) 10 (iii) c) 6

Total : 3

14

(i) c) Ten pounds and two pence
(ii) a) Four pounds and ninety pence
(iii) c) Nine pence

Total : 3

15

(i) a) ✓ (ii) a) ✓ (iii) b) x

Total : 3

SECTION TWO

16

(i) a) 3.00 (ii) b) 7.00 (iii) a) 2.60
 + 1.50 + 0.25 + 8.04

Total : 3

17

(i) b) 2.22 (ii) b) 1.60 (iii) c) 2.00
 - 2.11 - 0.60 - 1.40

Total : 3

18

(i) a) £27.70 (ii) b) £28 (iii) b) £4

Total : 3

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19a

(i) a) 6.10 pm (ii) c) 2.20 am (iii) b) 11.35 am

19b

(i) b) Twenty to five (ii) a) Quarter to twelve (iii) b)

07.45

Total : 6

20

(i) b) 35 minutes (ii) a) 1.00 pm (iii) b) 7.40

Total : 3

21

(i) b) 80 kilometres (ii) a) 1 mile (iii) b) 30 minutes

Total : 3

22

(i) 4 cm (ii) 4 cm (iii) 80 mm (iv) 1230 mm

Total : 4

23

(i) d) 330g (ii) b) (iii) d) 1 kg

Total : 3

24

(i) b) (ii) b) 0.85 ltr (iii) b) 1500 ml.

Total : 3

25

(i) a) gram (g) (ii) c) metre (m) (iii) c) kilogram (kg)
 (iv) b) tonne (t) (v) b) millilitre (ml) (vi) a) litre (l)

Total : 6

26

(i) b) (ii) d) (iii) 21°C

Total : 3

SECTION THREE

27

(i) b) (ii) c) 4 (iii) a) 4

Total : 3

28

(i) c) October (ii) c) August (iii) c) 10 m (iv) c) 40 m

Total : 4

<p style="text-align: center;">Mathematics Diagnostic Assessment Entry Level 3 – Answers</p>
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29

(i) b) 60

(ii) d) Friday

(iii) a) 5° C

(iv) a) Jan

Total : 4

30

(i) III

(ii) 3

(iii) III

(iv) 3

Total : 4

31

(i) b)

(ii) c) Types of flowers

(iii) b) 4

Total : 3