2.16 Mental Arithmetic Paper 1: 30-minute Pack

Total Marks

GL ASSESSMENT EP.M16 · Calculators not allowed · about 30 minutes

Name: _____ Date: ____ / ____ / _____

Administrator note: read each question aloud once only. Allow 10-15 seconds for pupils to write their answer in the box before moving on to the next question. Do not repeat any question and do not allow calculators.

1 Work out 56 + 22.

- ☐ A) 178
- ☐ B) 78
- ☐ C) 79
- ☐ D) 77
- ☐ E) 88

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2 Work out 3,730 + 1,012.

- ☐ A) 4,752
- ☐ B) 2,718
- ☐ C) 4,732
- ☐ D) 4,742
- ☐ E) 4,842

---

3 Work out 576 + 164.

- ☐ A) 741
- ☐ B) 630
- ☐ C) 740
- ☐ D) 640
- ☐ E) 730

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4 Work out 165 + 97.

- [ ] A) 262
- [ ] B) 68
- [ ] C) 272
- [ ] D) 162
- [ ] E) 152

---

5 Work out 6,225 - 4,223.

- [ ] A) 2,003
- [ ] B) 2,002
- [ ] C) 1,992
- [ ] D) 2,012
- [ ] E) 10,448

---

6 Work out 1,676 - 478.

- [ ] A) 2,154
- [ ] B) 1,298
- [ ] C) 1,198
- [ ] D) 1,208
- [ ] E) 1,202

---

7 Work out 35 + 91.

- [ ] A) 26
- [ ] B) 126
- [ ] C) 125
- [ ] D) 116
- [ ] E) 136

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8 Work out 4,047 + 3,989.

- [ ] A) 8,036
- [ ] B) 8,037
- [ ] C) 7,936
- [ ] D) 8,026
- [ ] E) 7,926

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9 Work out 104 + 48.

- ☐ A) 142
- ☐ B) 56
- ☐ C) 252
- ☐ D) 151
- ☐ E) 152

---

10 A film starts at half past 6 and lasts 1 hour and 45 minutes. What time does it finish?

(1)

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11 Work out 96 - 50.

- ☐ A) 46
- ☐ B) 45
- ☐ C) 36
- ☐ D) 47
- ☐ E) 56

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12 Work out 1,204 - 609.

- ☐ A) 1,813
- ☐ B) 695
- ☐ C) 1,405
- ☐ D) 605
- ☐ E) 595

---

13 Work out 2,736 + 4,205.

- ☐ A) 6,931
- ☐ B) 6,942
- ☐ C) 6,951
- ☐ D) 6,941
- ☐ E) 7,041

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14 Work out 647 + 500.

- [ ] A) 147
- [ ] B) 1,137
- [ ] C) 1,147
- [ ] D) 1,247
- [ ] E) 1,148

---

15 Work out 160 + 43.

- [ ] A) 103
- [ ] B) 117
- [ ] C) 202
- [ ] D) 213
- [ ] E) 203

---

16 Work out 1,946 - 859.

- [ ] A) 1,097
- [ ] B) 1,087
- [ ] C) 1,113
- [ ] D) 1,187
- [ ] E) 1,088

---

17 Work out 7,630 - 2,282.

- [ ] A) 5,348
- [ ] B) 5,452
- [ ] C) 5,448
- [ ] D) 5,347
- [ ] E) 5,358

---

18 Work out 144 + 35.

- [ ] A) 189
- [ ] B) 180
- [ ] C) 279
- [ ] D) 179
- [ ] E) 178

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19 Work out 2,706 + 1,268.

- [ ] A) 3,964
- [ ] B) 1,438
- [ ] C) 3,975
- [ ] D) 3,974
- [ ] E) 4,074

---

20 Work out 122 - 23.

- [ ] A) 101
- [ ] B) 145
- [ ] C) 109
- [ ] D) 89
- [ ] E) 99

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21 Work out 1,716 + 965.

- [ ] A) 2,681
- [ ] B) 2,682
- [ ] C) 1,671
- [ ] D) 2,680
- [ ] E) 2,781

---

22 Work out 1,771 + 1,829.

- [ ] A) 2,590
- [ ] B) 3,600
- [ ] C) 58
- [ ] D) 3,500
- [ ] E) 3,590

---

23 Work out 66 - 50.

- [ ] A) 6
- [ ] B) 17
- [ ] C) 15
- [ ] D) 16
- [ ] E) 26

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24 Work out 207 + 375.

- ☐ A) 582
- ☐ B) 682
- ☐ C) 168
- ☐ D) 572
- ☐ E) 583

---

25 Work out 4,836 + 2,097.

- ☐ A) 6,833
- ☐ B) 6,923
- ☐ C) 6,933
- ☐ D) 6,823
- ☐ E) 6,943

---

26 Work out 165 + 11.

- ☐ A) 276
- ☐ B) 175
- ☐ C) 186
- ☐ D) 177
- ☐ E) 176

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27 Work out 12 x 7.

(1)

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28 Work out 430 + 292.

- ☐ A) 732
- ☐ B) 722
- ☐ C) 622
- ☐ D) 723
- ☐ E) 721

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29 Work out 174 - 23.

- ☐ A) 251
- ☐ B) 197
- ☐ C) 151
- ☐ D) 161
- ☐ E) 141

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30 Double 125.

(1)

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31 Daniel pays for a magazine costing £3.60 with a £5 note. Work out his change.

(1)

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32 Two numbers add together to make 1000. One number is 640. What is the other number?

(1)

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Mark scheme · 2.16 Mental Arithmetic Paper 1: 30-minute Pack

Question 1

correct option B (78) cao **B1**

Answer: B) 78

Question 2

correct option D (4,742) cao **B1**

Answer: D) 4,742

Question 3

correct option C (740) cao **B1**

Answer: C) 740

Question 4

correct option A (262) cao **B1**

Answer: A) 262

Question 5

correct option B (2,002) cao **B1**

Answer: B) 2,002

Question 6

correct option C (1,198) cao **B1**

Answer: C) 1,198

Question 7

correct option B (126) cao **B1**

Answer: B) 126

Question 8

correct option A (8,036) cao **B1**

Answer: A) 8,036

Question 9

correct option E (152) cao **B1**

Answer: E) 152

Question 10

8:15 oe (quarter past 8) **B1**

Answer: quarter past 8 (8:15)

Question 11

correct option A (46) cao **B1**

Answer: A) 46

Question 12

correct option E (595) cao **B1**

Answer: E) 595

Question 13

correct option D (6,941) cao **B1**

Answer: D) 6,941

Question 14

correct option C (1,147) cao **B1**

Answer: C) 1,147

Question 15

correct option E (203) cao **B1**

Answer: E) 203

Question 16

correct option B (1,087) cao **B1**

Answer: B) 1,087

Question 17

correct option A (5,348) cao **B1**

Answer: A) 5,348

Question 18

correct option D (179) cao **B1**

Answer: D) 179

Question 19

correct option D (3,974) cao **B1**

Answer: D) 3,974

Question 20

correct option E (99) cao **B1**

Answer: E) 99

Question 21

correct option A (2,681) cao **B1**

Answer: A) 2,681

Question 22

correct option B (3,600) cao **B1**

Answer: B) 3,600

Question 23

correct option D (16) cao **B1**

Answer: D) 16

Question 24

correct option A (582) cao **B1**

Answer: A) 582

Question 25

correct option C (6,933) cao **B1**

Answer: C) 6,933

Question 26

correct option E (176) cao **B1**

Answer: E) 176

Question 27

84 cao **B1**

Answer: 84

Question 28

correct option B (722) cao **B1**

Answer: B) 722

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Question 29

correct option C (151) cao **B1**

Answer: C) 151

Question 30

250 cao **B1**

Answer: 250

Question 31

£1.40 cao **B1**

Answer: £1.40

Question 32

360 cao **B1**

Answer: 360

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