2.16 Mental Arithmetic Paper 1: Test Pack

GL ASSESSMENT EP.M16 · Calculators not allowed · about 40 minutes

Total Marks

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 What number must be added to 6 to make 10?

(1)

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2 Work out 708 + 385.

- ☐ A) 83
- ☐ B) 1,103
- ☐ C) 1,193
- ☐ D) 1,093
- ☐ E) 1,094

---

3 Work out 1,914 + 156.

- ☐ A) 2,070
- ☐ B) 2,060
- ☐ C) 1,060
- ☐ D) 2,170
- ☐ E) 2,080

---

4 A comic costs £2.35. Work out the cost of 3 comics.

(1)

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5 Work out 995 - 205.

- [ ] A) 800
- [ ] B) 1,200
- [ ] C) 780
- [ ] D) 890
- [ ] E) 790

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6 Work out 1,324 + 888.

- [ ] A) 1,102
- [ ] B) 2,213
- [ ] C) 436
- [ ] D) 2,212
- [ ] E) 2,112

---

7 Work out 1,422 - 790.

- [ ] A) 633
- [ ] B) 632
- [ ] C) 622
- [ ] D) 642
- [ ] E) 1,372

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8 Work out 1,579 + 933.

- [ ] A) 2,513
- [ ] B) 2,412
- [ ] C) 2,512
- [ ] D) 1,402
- [ ] E) 2,502

---

9 Work out 1,738 + 939.

- [ ] A) 799
- [ ] B) 2,777
- [ ] C) 2,677
- [ ] D) 1,667
- [ ] E) 2,678

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10 Work out 304 - 240.

- ☐ A) 74
- ☐ B) 64
- ☐ C) 144
- ☐ D) 164
- ☐ E) 544

---

11 Work out 924 + 467.

- ☐ A) 1,491
- ☐ B) 1,381
- ☐ C) 1,392
- ☐ D) 381
- ☐ E) 1,391

---

12 Work out 1,169 + 620.

- ☐ A) 1,889
- ☐ B) 1,790
- ☐ C) 1,779
- ☐ D) 1,799
- ☐ E) 1,789

---

13 Halve 96.

(1)

---

14 Work out 1,043 - 601.

- ☐ A) 442
- ☐ B) 1,644
- ☐ C) 452
- ☐ D) 1,642
- ☐ E) 542

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15 Work out 990 - 132.

- [ ] A) 868
- [ ] B) 859
- [ ] C) 862
- [ ] D) 858
- [ ] E) 857

---

16 Work out 1,450 + 941.

- [ ] A) 2,491
- [ ] B) 2,381
- [ ] C) 1,391
- [ ] D) 2,391
- [ ] E) 509

---

17 Work out 420 + 496.

- [ ] A) 816
- [ ] B) 76
- [ ] C) 915
- [ ] D) 916
- [ ] E) 926

---

18 Work out 1,989 + 697.

- [ ] A) 2,586
- [ ] B) 2,686
- [ ] C) 1,576
- [ ] D) 1,292
- [ ] E) 2,685

---

19 Work out 39 + 95.

- [ ] A) 124
- [ ] B) 34
- [ ] C) 24
- [ ] D) 56
- [ ] E) 134

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20 Work out 1,636 - 982.

- ☐ A) 664
- ☐ B) 754
- ☐ C) 654
- ☐ D) 1,354
- ☐ E) 655

---

21 What must be subtracted from 90 to leave 24?

(1)

---

22 Work out 638 - 191.

- ☐ A) 567
- ☐ B) 447
- ☐ C) 547
- ☐ D) 448
- ☐ E) 457

---

23 Work out 72 divided by 8.

(1)

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24 Work out 2,826 + 518.

- ☐ A) 2,334
- ☐ B) 3,444
- ☐ C) 3,343
- ☐ D) 3,354
- ☐ E) 3,344

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25 Work out 1,448 + 2,948.

- ☐ A) 4,496
- ☐ B) 4,406
- ☐ C) 1,500
- ☐ D) 4,396
- ☐ E) 3,386

---

26 Work out 46 + 39.

(1)

---

27 Work out 90 divided by 6.

(1)

---

28 Work out 3 x 4.

(1)

---

29 Double 47.

(1)

---

30 Work out 315 divided by 9.

(1)

---

31 A train departs at 11:40 and the journey takes 1 hour 55 minutes. What time does it arrive?

(1)

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32 Work out 379 + 637.

- [ ] A) 916
- [ ] B) 906
- [ ] C) 1,016
- [ ] D) 1,006
- [ ] E) 1,026

---

33 Work out 923 + 910.

- [ ] A) 1,933
- [ ] B) 1,834
- [ ] C) 1,833
- [ ] D) 13
- [ ] E) 833

---

34 Work out 1,354 + 638.

- [ ] A) 1,982
- [ ] B) 1,992
- [ ] C) 1,991
- [ ] D) 716
- [ ] E) 2,092

---

35 Work out 118 - 73.

- [ ] A) 145
- [ ] B) 55
- [ ] C) 165
- [ ] D) 46
- [ ] E) 45

---

36 Work out 1,623 + 859.

- [ ] A) 2,472
- [ ] B) 2,582
- [ ] C) 1,472
- [ ] D) 2,482
- [ ] E) 2,481

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37 What must be added to 47 to make 100?

(1)

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38 Work out 757 + 513.

- ☐ A) 244
- ☐ B) 260
- ☐ C) 1,370
- ☐ D) 1,270
- ☐ E) 1,280

---

39 Work out 312 + 214.

- ☐ A) 525
- ☐ B) 98
- ☐ C) 536
- ☐ D) 526
- ☐ E) 626

---

40 Work out 335 + 706.

- ☐ A) 31
- ☐ B) 1,042
- ☐ C) 1,141
- ☐ D) 1,040
- ☐ E) 1,041

---

41 Work out 1,831 - 342.

- ☐ A) 1,488
- ☐ B) 1,489
- ☐ C) 1,511
- ☐ D) 1,499
- ☐ E) 1,479

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42 Work out 930 - 343.

- ☐ A) 588
- ☐ B) 587
- ☐ C) 586
- ☐ D) 613
- ☐ E) 597

---

43 Work out 40 + 28.

- ☐ A) 168
- ☐ B) 78
- ☐ C) 58
- ☐ D) 69
- ☐ E) 68

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Mark scheme · 2.16 Mental Arithmetic Paper 1: Test Pack

Question 1

4 cao **B1**

Answer: 4

Question 2

correct option D (1,093) cao **B1**

Answer: D) 1,093

Question 3

correct option A (2,070) cao **B1**

Answer: A) 2,070

Question 4

£7.05 cao **B1**

Answer: £7.05

Question 5

correct option E (790) cao **B1**

Answer: E) 790

Question 6

correct option D (2,212) cao **B1**

Answer: D) 2,212

Question 7

correct option B (632) cao **B1**

Answer: B) 632

Question 8

correct option C (2,512) cao **B1**

Answer: C) 2,512

Question 9

correct option C (2,677) cao **B1**

Answer: C) 2,677

Question 10

correct option B (64) cao **B1**

Answer: B) 64

Question 11

correct option E (1,391) cao **B1**

Answer: E) 1,391

Question 12

correct option E (1,789) cao **B1**

Answer: E) 1,789

Question 13

48 cao **B1**

Answer: 48

Question 14

correct option A (442) cao **B1**

Answer: A) 442

Question 15

correct option D (858) cao **B1**

Answer: D) 858

Question 16

correct option D (2,391) cao **B1**

Answer: D) 2,391

Question 17

correct option D (916) cao **B1**

Answer: D) 916

Question 18

correct option B (2,686) cao **B1**

Answer: B) 2,686

Question 19

correct option E (134) cao **B1**

Answer: E) 134

Question 20

correct option C (654) cao **B1**

Answer: C) 654

Question 21

66 cao **B1**

Answer: 66

Question 22

correct option B (447) cao **B1**

Answer: B) 447

Question 23

9 cao **B1**

Answer: 9

Question 24

correct option E (3,344) cao **B1**

Answer: E) 3,344

Question 25

correct option D (4,396) cao **B1**

Answer: D) 4,396

Question 26

85 cao **B1**

Answer: 85

Question 27

15 cao **B1**

Answer: 15

Question 28

12 cao **B1**

Answer: 12

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Question 29

94 cao **B1**

Answer: 94

Question 30

35 cao **B1**

Answer: 35

Question 31

13:35 oe (1:35 pm) **B1**

Answer: 1:35 pm (13:35)

Question 32

correct option C (1,016) cao **B1**

Answer: C) 1,016

Question 33

correct option C (1,833) cao **B1**

Answer: C) 1,833

Question 34

correct option B (1,992) cao **B1**

Answer: B) 1,992

Question 35

correct option E (45) cao **B1**

Answer: E) 45

Question 36

correct option D (2,482) cao **B1**

Answer: D) 2,482

Question 37

53 cao **B1**

Answer: 53

Question 38

correct option D (1,270) cao **B1**

Answer: D) 1,270

Question 39

correct option D (526) cao **B1**

Answer: D) 526

Question 40

correct option E (1,041) cao **B1**

Answer: E) 1,041

Question 41

correct option B (1,489) cao **B1**

Answer: B) 1,489

Question 42

correct option B (587) cao **B1**

Answer: B) 587

Question 43

correct option E (68) cao **B1**

Answer: E) 68

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