2.2 Four Operations (Worded): 30-minute Pack

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A school hires 5 minibuses for a trip. Each minibus can hold 16 passengers. Work out the total number of passengers the 5 minibuses can hold.

(1)

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2 64 pupils go on a trip. Each minibus holds 7 pupils. How many minibuses are needed?

- ☐ A) 9
- ☐ B) 1
- ☐ C) 10
- ☐ D) 64
- ☐ E) 11

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3 Work out 8 x (9 + 4) - 8.

- ☐ A) 86
- ☐ B) 96
- ☐ C) 40
- ☐ D) 68
- ☐ E) 95

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4 9 coaches each carry 14 pupils on a trip. 17 pupils are off ill. How many pupils go on the trip?

- ☐ A) 109
- ☐ B) 108
- ☐ C) 126
- ☐ D) 143
- ☐ E) 6

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5 Work out 6,692 ÷ 14.

- [ ] A) 477
- [ ] B) 4,780
- [ ] C) 488
- [ ] D) 874
- [ ] E) 478

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6 Work out 860 x 22.

- [ ] A) 18,921
- [ ] B) 17,200
- [ ] C) 18,920
- [ ] D) 3,440
- [ ] E) 10,320

---

7 Arjun shares 157 sweets equally between 6 bags and puts the rest in a jar. How many sweets go in the jar?

- [ ] A) 27
- [ ] B) 2
- [ ] C) 5
- [ ] D) 1
- [ ] E) 26

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8 Work out (12 + 7) x 11.

- [ ] A) 208
- [ ] B) 219
- [ ] C) 209
- [ ] D) 210
- [ ] E) 199

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9 4 coaches each carry 4 pupils on a trip. 5 pupils are off ill. How many pupils go on the trip?

- ☐ A) 11
- ☐ B) 10
- ☐ C) 5
- ☐ D) 3
- ☐ E) 21

---

10 Leo buys 3 packs of cards with 5 cards in each pack and 7 packs with 4 cards in each pack. How many cards does Leo buy altogether?

- ☐ A) 420
- ☐ B) 43
- ☐ C) 19
- ☐ D) 47
- ☐ E) 90

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11 In a half marathon, Chidi finished in 94 minutes and Freya finished in 79 minutes. Calculate how many minutes faster Freya finished than Chidi.

(2)

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12 Work out 764 x 79.

- ☐ A) 52,716
- ☐ B) 53,480
- ☐ C) 60,355
- ☐ D) 60,356
- ☐ E) 12,224

---

13 167 pupils go on a trip. Each minibus holds 3 pupils. How many minibuses are needed?

- ☐ A) 167
- ☐ B) 57
- ☐ C) 55
- ☐ D) 2
- ☐ E) 56

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14 Work out 3 x (3 + 5) - 8.

- [ ] A) 26
- [ ] B) 6
- [ ] C) 16
- [ ] D) 0
- [ ] E) 17

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15 Sienna buys 7 packs of cards with 7 cards in each pack and 7 packs with 13 cards in each pack. How many cards does Sienna buy altogether?

- [ ] A) 140
- [ ] B) 280
- [ ] C) 139
- [ ] D) 34
- [ ] E) 4,459

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16 Work out 546 ÷ 6.

- [ ] A) 901
- [ ] B) 910
- [ ] C) 90
- [ ] D) 101
- [ ] E) 91

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17 Work out 376 x 76.

- [ ] A) 24,816
- [ ] B) 4,888
- [ ] C) 26,320
- [ ] D) 28,576
- [ ] E) 28,575

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18 Work out (7 + 2) x 12 - 10.

- [ ] A) 18
- [ ] B) 98
- [ ] C) 88
- [ ] D) 97
- [ ] E) 99

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19 A baker bakes 10 trays of 6 rolls. 6 rolls are sold. How many rolls are left?

- [ ] A) 54
- [ ] B) 55
- [ ] C) 10
- [ ] D) 24
- [ ] E) 66

---

20 Grace buys 16 packs of cards with 9 cards in each pack and 12 packs with 17 cards in each pack. How many cards does Grace buy altogether?

- [ ] A) 54
- [ ] B) 728
- [ ] C) 29,376
- [ ] D) 348
- [ ] E) 347

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21 Work out 6,802 ÷ 19.

- [ ] A) 358
- [ ] B) 3,508
- [ ] C) 348
- [ ] D) 3,580
- [ ] E) 368

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22 Work out 58 x 5.

- [ ] A) 240
- [ ] B) 290
- [ ] C) 390
- [ ] D) 291
- [ ] E) 289

---

23 Megan shares 245 sweets equally between 8 bags and puts the rest in a jar. How many sweets go in the jar?

- [ ] A) 30
- [ ] B) 6
- [ ] C) 5
- [ ] D) 3
- [ ] E) 4

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24 A library buys 5 packs of 4 books. 5 books are given to another school. How many books are kept?

- [ ] A) 25
- [ ] B) 4
- [ ] C) 20
- [ ] D) 14
- [ ] E) 15

---

25 Lily buys 8 packs of cards with 3 cards in each pack and 8 packs with 22 cards in each pack. How many cards does Lily buy altogether?

- [ ] A) 200
- [ ] B) 199
- [ ] C) 41
- [ ] D) 400
- [ ] E) 4,224

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26 A bakery has an offer: every third cookie you buy is free. Cookies normally cost 45p each. Sam buys 9 cookies.

(a) Work out how much Sam pays for the 9 cookies. **(2)**

.....

(b) Work out how much Sam saves because of the offer. **(1)**

.....

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27 A charity raised £936 at a fun run. The money is shared equally between 4 local schools.

(a) Work out how much money each school receives. **(2)**

.....

(b) One school gives £50 of its share to a nearby food bank. Work out how much that school has left. **(1)**

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Mark scheme · 2.2 Four Operations (Worded): 30-minute Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

80 cao **B1**

Answer: 80 passengers

Question 2

correct option C (10) cao **B1**

Answer: C) 10

Question 3

correct option B (96) cao **B1**

Answer: B) 96

Question 4

correct option A (109) cao **B1**

Answer: A) 109

Question 5

correct option E (478) cao **B1**

Answer: E) 478

Question 6

correct option C (18,920) cao **B1**

Answer: C) 18,920

Question 7

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

Answer: D) 1

Question 8

correct option C (209) cao **B1**

Answer: C) 209

Question 9

correct option A (11) cao **B1**

Answer: A) 11

Question 10

correct option B (43) cao **B1**

Answer: B) 43

Question 11

94 - 79 set up, or equivalent complete method **M1**

15 (minutes) cao **A1**

Answer: 15 minutes

Question 12

correct option D (60,356) cao **B1**

Answer: D) 60,356

Question 13

correct option E (56) cao **B1**

Answer: E) 56

Question 14

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

Answer: C) 16

Question 15

correct option A (140) cao **B1**

Answer: A) 140

Question 16

correct option E (91) cao **B1**

Answer: E) 91

Question 17

correct option D (28,576) cao **B1**

Answer: D) 28,576

Question 18

correct option B (98) cao **B1**

Answer: B) 98

Question 19

correct option A (54) cao **B1**

Answer: A) 54

Question 20

correct option D (348) cao **B1**

Answer: D) 348

Question 21

correct option A (358) cao **B1**

Answer: A) 358

Question 22

correct option B (290) cao **B1**

Answer: B) 290

Question 23

correct option C (5) cao **B1**

Answer: C) 5

Question 24

correct option E (15) cao **B1**

Answer: E) 15

Question 25

correct option A (200) cao **B1**

Answer: A) 200

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Question 26

(a) 9 / 3 = 3 free, so pays for 6 cookies, or 6 x 45 seen, or equivalent complete method **M1**

(a) £2.70 cao **A1**

(a) Answer: £2.70

(b) £1.35 ft from (a) (9 x 45 = 405p less the amount paid), or 3 x 45p = 135p **B1**

(b) Answer: £1.35

Question 27

(a) 936 / 4 seen, or equivalent complete method **M1**

(a) £234 cao **A1**

(a) Answer: £234

(b) £184 ft from (a) **B1**

(b) Answer: £184

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