2.100 Money: Change, Budgeting and Multi-Item Costs: 1-hour Pack

Total Marks

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 60 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Megan buys 2 notebooks at £0.50 each and 2 pens at £0.80 each, and pays with £10. How much change does Megan get?

- ☐ A) £2.60
- ☐ B) £7.90
- ☐ C) £7.30
- ☐ D) £7.40
- ☐ E) £8.20

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2 Two friends each buy a cinema ticket for £6.80 and a tub of popcorn for £2.25. Work out the total cost for both friends.

(2)

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3 Ethan buys 5 postcards at £1.14 each and 4 stamps at £0.27 each, and pays with £20. How much change does Ethan get?

- ☐ A) £13.22
- ☐ B) £17.78
- ☐ C) £14.03
- ☐ D) £13.12
- ☐ E) £6.78

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4 Ffion buys 6 football cards at £1.38 each and 2 stickers at £1.75 each, and pays with £20. How much change does Ffion get?

- [ ] A) £9.22
- [ ] B) £8.22
- [ ] C) £15.12
- [ ] D) £11.78
- [ ] E) £9.97

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5 Megan buys 4 bags of crisps at £0.90 each and 4 chocolate bars at £0.60 each, and pays with £10. How much change does Megan get?

- [ ] A) £5.00
- [ ] B) £4.00
- [ ] C) £6.70
- [ ] D) £5.80
- [ ] E) £6.00

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6 Noah buys 4 sandwiches at £2.56 each and 3 drinks at £1.19 each, and pays with £20. How much change does Noah get?

- [ ] A) £6.19
- [ ] B) £16.25
- [ ] C) £8.57
- [ ] D) £13.81
- [ ] E) £6.09

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7 Anya buys 2 bags of crisps at £1.07 each and 5 chocolate bars at £2.95 each, and pays with £50. How much change does Anya get?

- [ ] A) £44.91
- [ ] B) £16.89
- [ ] C) £33.01
- [ ] D) £45.98
- [ ] E) £33.11

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8 Poppy buys 3 notebooks at £1.80 each and 2 pens at £0.50 each, and pays with £20. How much change does Poppy get?

- ☐ A) £13.50
- ☐ B) £14.10
- ☐ C) £6.40
- ☐ D) £13.60
- ☐ E) £17.20

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9 Lily buys 4 bags of crisps at £2.51 each and 6 chocolate bars at £0.40 each, and pays with £50. How much change does Lily get?

- ☐ A) £37.56
- ☐ B) £12.44
- ☐ C) £45.09
- ☐ D) £39.56
- ☐ E) £38.56

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10 Isla buys 2 football cards at £0.40 each and 2 stickers at £1.30 each, and pays with £10. How much change does Isla get?

- ☐ A) £3.40
- ☐ B) £6.50
- ☐ C) £6.60
- ☐ D) £7.60
- ☐ E) £7.90

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11 Maya pays with two £10 notes and receives £4.55 change. How much did she spend?

(2)

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12 Yusuf buys 6 notebooks at £0.66 each and 6 pens at £2.30 each, and pays with £50. How much change does Yusuf get?

- [ ] A) £43.74
- [ ] B) £17.76
- [ ] C) £47.04
- [ ] D) £35.54
- [ ] E) £32.24

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13 Ben buys 6 notebooks at £2.61 each and 4 pens at £2.31 each, and pays with £50. How much change does Ben get?

- [ ] A) £25.10
- [ ] B) £32.03
- [ ] C) £25.00
- [ ] D) £38.15
- [ ] E) £24.90

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14 Declan buys 5 football cards at £1.10 each and 2 stickers at £1.45 each, and pays with £20. How much change does Declan get?

- [ ] A) £16.00
- [ ] B) £8.40
- [ ] C) £11.60
- [ ] D) £17.45
- [ ] E) £13.05

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15 Ethan buys 6 notebooks at £2.19 each and 6 pens at £1.72 each, and pays with £50. How much change does Ethan get?

- [ ] A) £35.14
- [ ] B) £46.09
- [ ] C) £26.44
- [ ] D) £26.54
- [ ] E) £23.46

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16 Priya buys 6 notebooks at £1.40 each and 6 pens at £0.70 each, and pays with £20. How much change does Priya get?

- [ ] A) £14.40
- [ ] B) £7.40
- [ ] C) £12.60
- [ ] D) £10.90
- [ ] E) £7.30

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17 Ffion buys 6 sandwiches at £0.93 each and 4 drinks at £1.24 each, and pays with £50. How much change does Ffion get?

- [ ] A) £40.46
- [ ] B) £43.18
- [ ] C) £10.54
- [ ] D) £47.83
- [ ] E) £39.46

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18 Isla buys 3 hot dogs at £4.30 each and 4 ice creams at £1.59 each, and pays with £20. How much change does Isla get?

- [ ] A) £0.74
- [ ] B) £9.34
- [ ] C) £0.64
- [ ] D) £19.26
- [ ] E) £5.51

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19 Ewan buys 5 sandwiches at £0.45 each and 6 drinks at £1.74 each, and pays with £20. How much change does Ewan get?

- [ ] A) £16.01
- [ ] B) £8.31
- [ ] C) £17.81
- [ ] D) £12.69
- [ ] E) £7.31

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20 Sam has £15. He buys 3 shirts at £3.45 each and a tie for £2.80. How much money does he have left?

(3)

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21 Ravi buys 2 notebooks at £4.37 each and 5 pens at £0.62 each, and pays with £50. How much change does Ravi get?

- ☐ A) £38.06
- ☐ B) £40.64
- ☐ C) £39.16
- ☐ D) £38.16
- ☐ E) £11.84

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22 Ethan buys 4 postcards at £1.78 each and 3 stamps at £0.57 each, and pays with £20. How much change does Ethan get?

- ☐ A) £8.83
- ☐ B) £12.17
- ☐ C) £11.17
- ☐ D) £12.31
- ☐ E) £11.07

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23 Aisha buys 6 football cards at £1.31 each and 6 stickers at £0.78 each, and pays with £50. How much change does Aisha get?

- ☐ A) £41.36
- ☐ B) £38.46
- ☐ C) £37.46
- ☐ D) £47.91
- ☐ E) £12.54

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24 Fatima buys 5 postcards at £2.79 each and 4 stamps at £0.65 each, and pays with £20. How much change does Fatima get?

- [ ] A) £3.45
- [ ] B) £3.35
- [ ] C) £4.45
- [ ] D) £5.40
- [ ] E) £16.55

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25 Aisha buys 3 football cards at £4.37 each and 6 stickers at £0.55 each, and pays with £20. How much change does Aisha get?

- [ ] A) £3.49
- [ ] B) £3.59
- [ ] C) £6.34
- [ ] D) £16.41
- [ ] E) £15.08

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26 Grace buys 3 football cards at £2.02 each and 2 stickers at £2.34 each, and pays with £20. How much change does Grace get?

- [ ] A) £15.64
- [ ] B) £9.26
- [ ] C) £10.74
- [ ] D) £10.26
- [ ] E) £11.60

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27 Lily buys 2 notebooks at £4.14 each and 4 pens at £1.09 each, and pays with £50. How much change does Lily get?

- [ ] A) £40.63
- [ ] B) £41.50
- [ ] C) £44.77
- [ ] D) £37.36
- [ ] E) £12.64

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28 Poppy buys 4 notebooks at £1.20 each and 2 pens at £1.00 each, and pays with £20. How much change does Poppy get?

- ☐ A) £16.80
- ☐ B) £6.80
- ☐ C) £17.80
- ☐ D) £14.20
- ☐ E) £13.20

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29 A meal deal is sandwich £2.60, drink £1.10 and snack £1.25. A family of 4 buys this meal deal each and pays with a £20 note. How much change do they receive?

(3)

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30 Arjun buys 6 hot dogs at £2.15 each and 2 ice creams at £0.95 each, and pays with £20. How much change does Arjun get?

- ☐ A) £6.20
- ☐ B) £5.10
- ☐ C) £5.20
- ☐ D) £6.15
- ☐ E) £14.80

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31 Oliver buys 5 notebooks at £1.70 each and 2 pens at £0.40 each, and pays with £10. How much change does Oliver get?

- ☐ A) £0.70
- ☐ B) £1.70
- ☐ C) £9.30
- ☐ D) £1.10
- ☐ E) £7.90

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32 Sana buys 5 football cards at £1.08 each and 2 stickers at £1.07 each, and pays with £20. How much change does Sana get?

- [ ] A) £13.53
- [ ] B) £16.78
- [ ] C) £7.54
- [ ] D) £12.46
- [ ] E) £12.36

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33 Ewan buys 6 notebooks at £2.11 each and 5 pens at £1.41 each, and pays with £20. How much change does Ewan get?

- [ ] A) £10.84
- [ ] B) £16.48
- [ ] C) £5.93
- [ ] D) £19.71
- [ ] E) £0.29

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34 Chloe buys 5 hot dogs at £0.40 each and 5 ice creams at £1.30 each, and pays with £20. How much change does Chloe get?

- [ ] A) £11.40
- [ ] B) £13.10
- [ ] C) £11.50
- [ ] D) £8.50
- [ ] E) £16.70

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35 Kofi buys 4 notebooks at £4.13 each and 6 pens at £0.56 each, and pays with £50. How much change does Kofi get?

- [ ] A) £30.02
- [ ] B) £30.12
- [ ] C) £42.51
- [ ] D) £19.88
- [ ] E) £32.92

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36 Tom buys 2 bags of crisps at £0.79 each and 6 chocolate bars at £1.90 each, and pays with £50. How much change does Tom get?

- ☐ A) £12.98
- ☐ B) £38.02
- ☐ C) £37.02
- ☐ D) £37.81
- ☐ E) £46.52

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37 Oliver buys 4 football cards at £1.70 each and 4 stickers at £1.40 each, and pays with £20. How much change does Oliver get?

- ☐ A) £7.60
- ☐ B) £8.60
- ☐ C) £11.80
- ☐ D) £12.40
- ☐ E) £12.70

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38 Tanya buys 2 books priced at £7.45 each and 3 bookmarks at £0.65 each. She pays with a £20 note. How much money does she have left?

(3)

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39 Megan buys 6 sandwiches at £2.43 each and 6 drinks at £0.38 each, and pays with £20. How much change does Megan get?

- ☐ A) £3.14
- ☐ B) £17.19
- ☐ C) £16.86
- ☐ D) £3.04
- ☐ E) £5.04

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40 Anya buys 6 sandwiches at £1.10 each and 4 drinks at £0.70 each, and pays with £10. How much change does Anya get?

- [ ] A) £0.50
- [ ] B) £0.60
- [ ] C) £6.10
- [ ] D) £9.40
- [ ] E) £2.70

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41 Noah buys 6 notebooks at £4.12 each and 5 pens at £2.09 each, and pays with £50. How much change does Noah get?

- [ ] A) £15.83
- [ ] B) £14.83
- [ ] C) £35.43
- [ ] D) £35.17
- [ ] E) £23.19

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42 Arjun buys 4 bags of crisps at £2.20 each and 4 chocolate bars at £1.35 each, and pays with £20. How much change does Arjun get?

- [ ] A) £5.70
- [ ] B) £6.80
- [ ] C) £5.80
- [ ] D) £9.85
- [ ] E) £14.20

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43 Anya buys 4 hot dogs at £3.07 each and 4 ice creams at £0.55 each, and pays with £50. How much change does Anya get?

- [ ] A) £14.48
- [ ] B) £44.73
- [ ] C) £37.17
- [ ] D) £35.52
- [ ] E) £35.42

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44 Anya buys 3 bags of crisps at £0.90 each and 2 chocolate bars at £0.60 each, and pays with £10. How much change does Anya get?

- [ ] A) £6.10
- [ ] B) £6.70
- [ ] C) £7.10
- [ ] D) £6.00
- [ ] E) £3.90

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45 Maya buys 6 football cards at £1.64 each and 5 stickers at £1.84 each, and pays with £50. How much change does Maya get?

- [ ] A) £39.16
- [ ] B) £30.86
- [ ] C) £38.32
- [ ] D) £19.04
- [ ] E) £30.96

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46 Sienna buys 4 sandwiches at £1.70 each and 5 drinks at £1.10 each, and pays with £50. How much change does Sienna get?

- [ ] A) £42.10
- [ ] B) £37.60
- [ ] C) £12.30
- [ ] D) £37.70
- [ ] E) £42.80

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47 A gym membership is £9.99 per month. Anna pays for 6 months in advance and receives a 10% discount on the total. Calculate how much she pays, giving your answer to the nearest penny.

(3)

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48 Rhys buys 2 sandwiches at £4.09 each and 5 drinks at £0.42 each, and pays with £20. How much change does Rhys get?

- [ ] A) £11.40
- [ ] B) £9.62
- [ ] C) £9.72
- [ ] D) £10.72
- [ ] E) £10.28

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49 Mei buys 2 notebooks at £3.94 each and 3 pens at £1.58 each, and pays with £50. How much change does Mei get?

- [ ] A) £12.62
- [ ] B) £37.38
- [ ] C) £40.54
- [ ] D) £38.38
- [ ] E) £44.48

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50 Sienna buys 6 postcards at £0.56 each and 4 stamps at £0.81 each, and pays with £10. How much change does Sienna get?

- [ ] A) £5.83
- [ ] B) £3.30
- [ ] C) £6.60
- [ ] D) £4.40
- [ ] E) £3.40

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51 Ethan buys 3 postcards at £4.43 each and 4 stamps at £0.77 each, and pays with £20. How much change does Ethan get?

- [ ] A) £5.94
- [ ] B) £3.63
- [ ] C) £16.37
- [ ] D) £3.53
- [ ] E) £4.63

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52 Which combination of notes and coins totals exactly £7.30?

- ☐ A) £5 note + £2 coin + 20p coin + 5p coin
- ☐ B) £2 coin + £2 coin + £2 coin + 20p coin + 10p coin
- ☐ C) £5 note + £2 coin + 20p coin + 10p coin
- ☐ D) £5 note + £1 coin + 50p coin + 20p coin + 10p coin
- ☐ E) £5 note + £2 coin + 50p coin

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53 A hairdresser charges £14.00 for a haircut. The salon increases all its prices by 15%. Work out the new price.

(2)

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Mark scheme · 2.100 Money: Change, Budgeting and Multi-Item Costs: 1-hour Pack

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

Question 1

correct option D (£7.40) cao **B1**

Answer: D) £7.40

Question 2

method: (6.80 + 2.25) x 2 or equivalent seen **M1**

£18.10 cao **A1**

Answer: £18.10

Question 3

correct option A (£13.22) cao **B1**

Answer: A) £13.22

Question 4

correct option B (£8.22) cao **B1**

Answer: B) £8.22

Question 5

correct option B (£4.00) cao **B1**

Answer: B) £4.00

Question 6

correct option A (£6.19) cao **B1**

Answer: A) £6.19

Question 7

correct option E (£33.11) cao **B1**

Answer: E) £33.11

Question 8

correct option D (£13.60) cao **B1**

Answer: D) £13.60

Question 9

correct option A (£37.56) cao **B1**

Answer: A) £37.56

Question 10

correct option C (£6.60) cao **B1**

Answer: C) £6.60

Question 11

method: 20.00 - 4.55 seen **M1**

£15.45 cao **A1**

Answer: £15.45

Question 12

correct option E (£32.24) cao **B1**

Answer: E) £32.24

Question 13

correct option A (£25.10) cao **B1**

Answer: A) £25.10

Question 14

correct option C (£11.60) cao **B1**

Answer: C) £11.60

Question 15

correct option D (£26.54) cao **B1**

Answer: D) £26.54

Question 16

correct option B (£7.40) cao **B1**

Answer: B) £7.40

Question 17

correct option E (£39.46) cao **B1**

Answer: E) £39.46

Question 18

correct option A (£0.74) cao **B1**

Answer: A) £0.74

Question 19

correct option E (£7.31) cao **B1**

Answer: E) £7.31

Question 20

method: 3 x 3.45 seen **M1**

addition of shirts total and tie seen (10.35 + 2.80) **M1**

£1.85 cao **A1**

Answer: £1.85

Question 21

correct option D (£38.16) cao **B1**

Answer: D) £38.16

Question 22

correct option C (£11.17) cao **B1**

Answer: C) £11.17

Question 23

correct option C (£37.46) cao **B1**

Answer: C) £37.46

Question 24

correct option A (£3.45) cao **B1**

Answer: A) £3.45

Question 25

correct option B (£3.59) cao **B1**

Answer: B) £3.59

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Question 26

correct option B (£9.26) cao **B1**

Answer: B) £9.26

Question 27

correct option D (£37.36) cao **B1**

Answer: D) £37.36

Question 28

correct option E (£13.20) cao **B1**

Answer: E) £13.20

Question 29

method: per meal cost 2.60 + 1.10 + 1.25 seen **M1**

method: multiply by 4 to find total **M1**

£0.20 cao **A1**

Answer: £0.20

Question 30

correct option C (£5.20) cao **B1**

Answer: C) £5.20

Question 31

correct option A (£0.70) cao **B1**

Answer: A) £0.70

Question 32

correct option D (£12.46) cao **B1**

Answer: D) £12.46

Question 33

correct option E (£0.29) cao **B1**

Answer: E) £0.29

Question 34

correct option C (£11.50) cao **B1**

Answer: C) £11.50

Question 35

correct option B (£30.12) cao **B1**

Answer: B) £30.12

Question 36

correct option C (£37.02) cao **B1**

Answer: C) £37.02

Question 37

correct option A (£7.60) cao **B1**

Answer: A) £7.60

Question 38

method: 2 x 7.45 and 3 x 0.65 seen **M1**

addition of these totals seen **M1**

£3.15 cao **A1**

Answer: £3.15

Question 39

correct option A (£3.14) cao **B1**

Answer: A) £3.14

Question 40

correct option B (£0.60) cao **B1**

Answer: B) £0.60

Question 41

correct option B (£14.83) cao **B1**

Answer: B) £14.83

Question 42

correct option C (£5.80) cao **B1**

Answer: C) £5.80

Question 43

correct option D (£35.52) cao **B1**

Answer: D) £35.52

Question 44

correct option A (£6.10) cao **B1**

Answer: A) £6.10

Question 45

correct option E (£30.96) cao **B1**

Answer: E) £30.96

Question 46

correct option D (£37.70) cao **B1**

Answer: D) £37.70

Question 47

method: 9.99 x 6 to find total before discount **M1**

correct method to find 10% and subtract from total **M1**

£53.95 cao (59.94 - 5.994 = 53.946 rounded to £53.95) **A1**

Answer: £53.95

Question 48

correct option C (£9.72) cao **B1**

Answer: C) £9.72

Question 49

correct option B (£37.38) cao **B1**

Answer: B) £37.38

Question 50

correct option E (£3.40) cao **B1**

Answer: E) £3.40

Question 51

correct option B (£3.63) cao **B1**

Answer: B) £3.63

Question 52

correct option C (£5 note + £2 coin + 20p coin + 10p coin = £7.30) cao **B1**

Answer: C) £5 note + £2 coin + 20p coin + 10p coin = £7.30

Question 53

10% and 5% found and added, or £14.00 x 1.15 seen **M1**

£16.10 cao **A1**

Answer: £16.10

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