2.72 Fractions of Amounts and Remainders: 2-hour Pack

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 120 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Grace has £36. Grace spends 1/6 of it on a game, then 2/3 of the money left on a snack. How much money is left?

- ☐ A) £10
- ☐ B) £4
- ☐ C) £11
- ☐ D) £26
- ☐ E) £6

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2 Ravi has £50. Ravi spends 3/5 of it. How much does Ravi spend?

- ☐ A) £30
- ☐ B) £29
- ☐ C) £20
- ☐ D) £10
- ☐ E) £31

---

3 A box holds 50 counters. 1/5 of them are red. How many counters are red?

- ☐ A) 50
- ☐ B) 11
- ☐ C) 40
- ☐ D) 10
- ☐ E) 250

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4 Hamza has £60. Hamza spends 2/5 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £16.00
- [ ] B) £36.00
- [ ] C) £24.00
- [ ] D) £25.00
- [ ] E) £12.00

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5 A cycle route is 185 km long. Imogen rides 4/5 of the route. How far is that?

- [ ] A) 149 km
- [ ] B) 148 km
- [ ] C) 740 km
- [ ] D) 37 km
- [ ] E) 147 km

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6 Imogen has £48. Imogen spends 5/8 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £12.00
- [ ] B) £6.00
- [ ] C) £13.00
- [ ] D) £2.00
- [ ] E) £36.00

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7 Yusuf has read 1/10 of a book, which is 11 pages. How many pages are in the book?

- [ ] A) 111
- [ ] B) 21
- [ ] C) 11
- [ ] D) 109
- [ ] E) 110

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8 Fatima has £15. Fatima spends 2/3 of it on a game, then 4/5 of the money left on a snack. How much money is left?

- [ ] A) £-7.00
- [ ] B) £1.00
- [ ] C) £5.00
- [ ] D) £2.00
- [ ] E) £14.00

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9 1/4 of the pupils in a club are girls. There are 13 girls. How many pupils are in the club?

- [ ] A) 53
- [ ] B) 17
- [ ] C) 13
- [ ] D) 51
- [ ] E) 52

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10 Rhys has £90. Rhys spends 1/10 of it. How much does Rhys spend?

- [ ] A) £9.00
- [ ] B) £900.00
- [ ] C) £8.00
- [ ] D) £81.00
- [ ] E) £90.00

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11 Mei has £20. Mei spends 3/5 of it on a game, then 3/4 of the money left on a snack. How much money is left?

- [ ] A) £-7.00
- [ ] B) £2.00
- [ ] C) £1.00
- [ ] D) £18.00
- [ ] E) £-10.00

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12 Ravi has £30. Ravi spends 1/6 of it on a game, then 1/5 of the money left on a snack. How much money is left?

- [ ] A) £19
- [ ] B) £15
- [ ] C) £20
- [ ] D) £5
- [ ] E) £10

---

13 Dylan has read 2/5 of a book, which is 28 pages. How many pages are in the book?

- [ ] A) 70
- [ ] B) 71
- [ ] C) 140
- [ ] D) 56
- [ ] E) 33

---

14 A cycle route is 70 km long. Ben rides 9/10 of the route. How far is that?

- [ ] A) 64 km
- [ ] B) 630 km
- [ ] C) 63 km
- [ ] D) 7 km
- [ ] E) 62 km

---

15 11/12 of the pupils in a club are girls. There are 55 girls. How many pupils are in the club?

- [ ] A) 660
- [ ] B) 61
- [ ] C) 605
- [ ] D) 60
- [ ] E) 67

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16 A cycle route is 96 km long. Declan rides 3/8 of the route. How far is that?

- [ ] A) 12 km
- [ ] B) 36 km
- [ ] C) 32 km
- [ ] D) 60 km
- [ ] E) 256 km

---

17 Noah has £40. Noah spends 1/4 of it on a game, then 1/2 of the money left on a snack. How much money is left?

- [ ] A) £10.00
- [ ] B) £16.00
- [ ] C) £15.00
- [ ] D) £14.00
- [ ] E) £25.00

---

18 A cycle route is 81 km long. Leo rides 5/9 of the route. How far is that?

- [ ] A) 9 km
- [ ] B) 45 km
- [ ] C) 46 km
- [ ] D) 44 km
- [ ] E) 36 km

---

19 Esme has £108. Esme spends 2/3 of it on a game, then 1/4 of the money left on a snack. How much money is left?

- [ ] A) £27.00
- [ ] B) £28.00
- [ ] C) £36.00
- [ ] D) £81.00
- [ ] E) £9.00

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20 7/10 of the pupils in a club are girls. There are 56 girls. How many pupils are in the club?

- [ ] A) 560
- [ ] B) 79
- [ ] C) 392
- [ ] D) 81
- [ ] E) 80

---

21 Sana has £9. Sana spends 1/3 of it. How much does Sana spend?

- [ ] A) £4.00
- [ ] B) £6.00
- [ ] C) £9.00
- [ ] D) £27.00
- [ ] E) £3.00

---

22 Noah has £105. Noah spends 1/3 of it on a game, then 4/5 of the money left on a snack. How much money is left?

- [ ] A) £14.00
- [ ] B) £-14.00
- [ ] C) £-21.00
- [ ] D) £56.00
- [ ] E) £91.00

---

23 Fatima has read 4/5 of a book, which is 16 pages. How many pages are in the book?

- [ ] A) 64
- [ ] B) 80
- [ ] C) 20
- [ ] D) 19
- [ ] E) 4

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24 Tom has £28. Tom spends 6/7 of it. How much does Tom spend?

- [ ] A) £4.00
- [ ] B) £23.00
- [ ] C) £25.00
- [ ] D) £24.00
- [ ] E) £168.00

---

25 Rhys has £150. Rhys spends 1/3 of it on a game, then 2/5 of the money left on a snack. How much money is left?

- [ ] A) £59
- [ ] B) £60
- [ ] C) £61
- [ ] D) £40
- [ ] E) £90

---

26 1/3 of the money in a collection tin is £13. How much money is in the tin altogether?

- [ ] A) £16.00
- [ ] B) £13.00
- [ ] C) £39.00
- [ ] D) £38.00
- [ ] E) £40.00

---

27 A box holds 375 counters. 14/15 of them are red. How many counters are red?

- [ ] A) 349
- [ ] B) 351
- [ ] C) 5,250
- [ ] D) 25
- [ ] E) 350

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28 9/10 of the money in a collection tin is £135. How much money is in the tin altogether?

- [ ] A) £1,350.00
- [ ] B) £150.00
- [ ] C) £151.00
- [ ] D) £145.00
- [ ] E) £1,215.00

---

29 Mei has £10. Mei spends 4/5 of it. How much does Mei spend?

- [ ] A) £9.00
- [ ] B) £2.00
- [ ] C) £12.50
- [ ] D) £8.00
- [ ] E) £7.00

---

30 A cycle route is 91 km long. Ewan rides 1/7 of the route. How far is that?

- [ ] A) 637 km
- [ ] B) 91 km
- [ ] C) 14 km
- [ ] D) 13 km
- [ ] E) 78 km

---

31 1/12 of the money in a collection tin is £5. How much money is in the tin altogether?

- [ ] A) £5
- [ ] B) £60
- [ ] C) £59
- [ ] D) £61
- [ ] E) £17

---

32 A box holds 160 counters. 9/20 of them are red. How many counters are red?

- [ ] A) 71
- [ ] B) 88
- [ ] C) 1,440
- [ ] D) 8
- [ ] E) 72

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33 Noah has £72. Noah spends 2/3 of it on a game, then 3/4 of the money left on a snack. How much money is left?

- [ ] A) £66.00
- [ ] B) £-42.00
- [ ] C) £-30.00
- [ ] D) £6.00
- [ ] E) £5.00

---

34 A cycle route is 16 km long. Rhys rides 3/4 of the route. How far is that?

- [ ] A) 13 km
- [ ] B) 4 km
- [ ] C) 11 km
- [ ] D) 12 km
- [ ] E) 48 km

---

35 Oliver has £240. Oliver spends 3/8 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £150
- [ ] B) £100
- [ ] C) £70
- [ ] D) £140
- [ ] E) £101

---

36 2/5 of the money in a collection tin is £4. How much money is in the tin altogether?

- [ ] A) £10.00
- [ ] B) £11.00
- [ ] C) £2.00
- [ ] D) £8.00
- [ ] E) £20.00

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37 Dylan has £24. Dylan spends 1/3 of it. How much does Dylan spend?

- [ ] A) £72.00
- [ ] B) £9.00
- [ ] C) £8.00
- [ ] D) £24.00
- [ ] E) £16.00

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38 Kwame has £50. Kwame spends 9/10 of it on a game, then 1/5 of the money left on a snack. How much money is left?

- [ ] A) £46.00
- [ ] B) £1.00
- [ ] C) £-5.00
- [ ] D) £4.00
- [ ] E) £5.00

---

39 Grace has £36. Grace spends 2/3 of it on a game, then 5/6 of the money left on a snack. How much money is left?

- [ ] A) £34.00
- [ ] B) £-18.00
- [ ] C) £-22.00
- [ ] D) £3.00
- [ ] E) £2.00

---

40 9/10 of the money in a collection tin is £27. How much money is in the tin altogether?

- [ ] A) £270.00
- [ ] B) £3.00
- [ ] C) £243.00
- [ ] D) £31.00
- [ ] E) £30.00

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41 Hamza has £54. Hamza spends 2/3 of it on a game, then 1/6 of the money left on a snack. How much money is left?

- [ ] A) £39.00
- [ ] B) £9.00
- [ ] C) £18.00
- [ ] D) £15.00
- [ ] E) £16.00

---

42 9/10 of the pupils in a club are girls. There are 126 girls. How many pupils are in the club?

- [ ] A) 140
- [ ] B) 1,134
- [ ] C) 1,260
- [ ] D) 136
- [ ] E) 139

---

43 A cycle route is 15 km long. Ffion rides 1/5 of the route. How far is that?

- [ ] A) 15 km
- [ ] B) 4 km
- [ ] C) 3 km
- [ ] D) 12 km
- [ ] E) 75 km

---

44 2/3 of the money in a collection tin is £6. How much money is in the tin altogether?

- [ ] A) £9.00
- [ ] B) £3.00
- [ ] C) £4.00
- [ ] D) £18.00
- [ ] E) £12.00

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45 A box holds 88 counters. 3/8 of them are red. How many counters are red?

- [ ] A) 32
- [ ] B) 33
- [ ] C) 34
- [ ] D) 55
- [ ] E) 11

---

46 Anya has £240. Anya spends 5/8 of it on a game, then 2/3 of the money left on a snack. How much money is left?

- [ ] A) £-120
- [ ] B) £-70
- [ ] C) £29
- [ ] D) £30
- [ ] E) £210

---

47 Maya has read 3/8 of a book, which is 30 pages. How many pages are in the book?

- [ ] A) 240
- [ ] B) 38
- [ ] C) 80
- [ ] D) 79
- [ ] E) 90

---

48 A cycle route is 165 km long. Noah rides 8/15 of the route. How far is that?

- [ ] A) 11 km
- [ ] B) 87 km
- [ ] C) 77 km
- [ ] D) 88 km
- [ ] E) 1,320 km

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49 Maya has £15. Maya spends 1/3 of it on a game, then 1/5 of the money left on a snack. How much money is left?

- [ ] A) £8.00
- [ ] B) £3.00
- [ ] C) £7.00
- [ ] D) £10.00
- [ ] E) £2.00

---

50 1/5 of the money in a collection tin is £10. How much money is in the tin altogether?

- [ ] A) £15
- [ ] B) £50
- [ ] C) £10
- [ ] D) £49
- [ ] E) £2

---

51 A cycle route is 324 km long. Ewan rides 7/9 of the route. How far is that?

- [ ] A) 36 km
- [ ] B) 72 km
- [ ] C) 253 km
- [ ] D) 2,268 km
- [ ] E) 252 km

---

52 Arjun has £105. Arjun spends 4/5 of it on a game, then 2/3 of the money left on a snack. How much money is left?

- [ ] A) £-77.00
- [ ] B) £-49.00
- [ ] C) £7.00
- [ ] D) £14.00
- [ ] E) £98.00

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53 3/10 of the money in a collection tin is £12. How much money is in the tin altogether?

- [ ] A) £40.00
- [ ] B) £36.00
- [ ] C) £4.00
- [ ] D) £22.00
- [ ] E) £120.00

---

54 Tariq has £50. Tariq spends 9/10 of it on a game, then 3/5 of the money left on a snack. How much money is left?

- [ ] A) £-43.00
- [ ] B) £48.00
- [ ] C) £2.00
- [ ] D) £-25.00
- [ ] E) £1.00

---

55 1/8 of the money in a collection tin is £13. How much money is in the tin altogether?

- [ ] A) £105.00
- [ ] B) £13.00
- [ ] C) £103.00
- [ ] D) £21.00
- [ ] E) £104.00

---

56 A box holds 54 counters. 8/9 of them are red. How many counters are red?

- [ ] A) 48
- [ ] B) 49
- [ ] C) 47
- [ ] D) 6
- [ ] E) 432

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57 Noah has £60. Noah spends 2/3 of it on a game, then 4/5 of the money left on a snack. How much money is left?

- [ ] A) £20.00
- [ ] B) £4.00
- [ ] C) £56.00
- [ ] D) £-36.00
- [ ] E) £-28.00

---

58 4/5 of the money in a collection tin is £52. How much money is in the tin altogether?

- [ ] A) £41.60
- [ ] B) £208.00
- [ ] C) £260.00
- [ ] D) £65.00
- [ ] E) £13.00

---

59 A box holds 116 counters. 3/4 of them are red. How many counters are red?

- [ ] A) 86
- [ ] B) 348
- [ ] C) 29
- [ ] D) 88
- [ ] E) 87

---

60 Oliver has read 1/3 of a book, which is 14 pages. How many pages are in the book?

- [ ] A) 42
- [ ] B) 14
- [ ] C) 43
- [ ] D) 17
- [ ] E) 41

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61 A cycle route is 45 km long. Noah rides 1/5 of the route. How far is that?

- [ ] A) 8 km
- [ ] B) 9 km
- [ ] C) 225 km
- [ ] D) 45 km
- [ ] E) 36 km

---

62 Aisha has £12. Aisha spends 3/4 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £1.00
- [ ] B) £2.00
- [ ] C) £-7.00
- [ ] D) £-1.00
- [ ] E) £10.00

---

63 Work out 3/8 of 64, then add 5.

(2)

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64 Yusuf has read 2/3 of a book, which is 8 pages. How many pages are in the book?

- [ ] A) 12
- [ ] B) 11
- [ ] C) 13
- [ ] D) 16
- [ ] E) 24

---

65 A cycle route is 36 km long. Anya rides 1/9 of the route. How far is that?

- [ ] A) 324 km
- [ ] B) 4 km
- [ ] C) 3 km
- [ ] D) 5 km
- [ ] E) 32 km

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66 Lily has £48. Lily spends 1/8 of it on a game, then 1/2 of the money left on a snack. How much money is left?

- [ ] A) £18.00
- [ ] B) £27.00
- [ ] C) £21.00
- [ ] D) £15.00
- [ ] E) £42.00

---

67 Kofi has £225. Kofi spends 14/15 of it. How much does Kofi spend?

- [ ] A) £15
- [ ] B) £209
- [ ] C) £3,150
- [ ] D) £210
- [ ] E) £211

---

68 Callum has £18. Callum spends 1/3 of it on a game, then 2/3 of the money left on a snack. How much money is left?

- [ ] A) £-2.00
- [ ] B) £5.00
- [ ] C) £0.00
- [ ] D) £14.00
- [ ] E) £4.00

---

69 1/10 of the money in a collection tin is £4. How much money is in the tin altogether?

- [ ] A) £41.00
- [ ] B) £40.00
- [ ] C) £14.00
- [ ] D) £0.40
- [ ] E) £4.00

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70 Aisha has £120. Aisha spends 3/4 of it on a game, then 1/5 of the money left on a snack. How much money is left?

- [ ] A) £23.00
- [ ] B) £96.00
- [ ] C) £6.00
- [ ] D) £24.00
- [ ] E) £30.00

---

71 Maya has read 1/6 of a book, which is 10 pages. How many pages are in the book?

- [ ] A) 16
- [ ] B) 10
- [ ] C) 60
- [ ] D) 61
- [ ] E) 59

---

72 3/10 of the money in a charity box is £18. Work out the total amount of money in the box.

(2)

---

73 Oliver has £120. Oliver spends 1/5 of it on a game, then 1/4 of the money left on a snack. How much money is left?

- [ ] A) £66.00
- [ ] B) £48.00
- [ ] C) £73.00
- [ ] D) £72.00
- [ ] E) £96.00

---

74 5/8 of the money in a collection tin is £65. How much money is in the tin altogether?

- [ ] A) £520.00
- [ ] B) £105.00
- [ ] C) £73.00
- [ ] D) £325.00
- [ ] E) £104.00

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75 A cycle route is 6 km long. Ewan rides 1/3 of the route. How far is that?

- [ ] A) 4 km
- [ ] B) 2 km
- [ ] C) 1 km
- [ ] D) 6 km
- [ ] E) 18 km

---

76 Ewan has £168. Ewan spends 7/8 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £14.00
- [ ] B) £7.00
- [ ] C) £-35.00
- [ ] D) £15.00
- [ ] E) £154.00

---

77 3/5 of the money in a collection tin is £12. How much money is in the tin altogether?

- [ ] A) £20.00
- [ ] B) £4.00
- [ ] C) £60.00
- [ ] D) £21.00
- [ ] E) £36.00

---

78 Ben has £27. Ben spends 4/9 of it. How much does Ben spend?

- [ ] A) £3.00
- [ ] B) £13.00
- [ ] C) £15.00
- [ ] D) £11.00
- [ ] E) £12.00

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79 Callum has £10. Callum spends 3/5 of it on a game, then 1/2 of the money left on a snack. How much money is left?

- [ ] A) £-1.00
- [ ] B) £3.00
- [ ] C) £8.00
- [ ] D) £2.00
- [ ] E) £1.00

---

80 Amara has £12. Amara spends 1/2 of it. How much does Amara spend?

- [ ] A) £12.00
- [ ] B) £6.00
- [ ] C) £7.00
- [ ] D) £5.00
- [ ] E) £24.00

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81 Sam gives 2/5 of his stickers to Mia and has 12 stickers left. How many stickers did Sam start with?

- [ ] A) 30
- [ ] B) 24
- [ ] C) 18
- [ ] D) 15
- [ ] E) 20

---

82 Dylan has £45. Dylan spends 3/5 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £12.00
- [ ] B) £13.00
- [ ] C) £11.00
- [ ] D) £3.00
- [ ] E) £33.00

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83 A box holds 4 counters. 1/2 of them are red. How many counters are red?

- [ ] A) 1
- [ ] B) 2
- [ ] C) 8
- [ ] D) 3
- [ ] E) 4

---

84 Ravi has £240. Ravi spends 5/6 of it on a game, then 3/5 of the money left on a snack. How much money is left?

- [ ] A) £224.00
- [ ] B) £40.00
- [ ] C) £-104.00
- [ ] D) £24.00
- [ ] E) £16.00

---

85 1/5 of the pupils in a club are girls. There are 7 girls. How many pupils are in the club?

- [ ] A) 12
- [ ] B) 34
- [ ] C) 7
- [ ] D) 35
- [ ] E) 36

---

86 Oliver has £60. Oliver spends 3/4 of it on a game, then 3/5 of the money left on a snack. How much money is left?

- [ ] A) £-21.00
- [ ] B) £54.00
- [ ] C) £7.00
- [ ] D) £6.00
- [ ] E) £9.00

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87 1/5 of the pupils in a club are girls. There are 3 girls. How many pupils are in the club?

- [ ] A) 3
- [ ] B) 14
- [ ] C) 15
- [ ] D) 8
- [ ] E) 16

---

88 A cycle route is 171 km long. Sienna rides 8/9 of the route. How far is that?

- [ ] A) 151 km
- [ ] B) 19 km
- [ ] C) 1,368 km
- [ ] D) 153 km
- [ ] E) 152 km

---

89 Poppy has £160. Poppy spends 1/4 of it on a game, then 4/5 of the money left on a snack. How much money is left?

- [ ] A) £-8.00
- [ ] B) £24.00
- [ ] C) £96.00
- [ ] D) £23.00
- [ ] E) £136.00

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90 Priya has 73 sweets. She shares them equally between 8 friends. How many sweets does each friend get and how many sweets are left over?

(2)

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91 3/8 of the pupils in a club are girls. There are 9 girls. How many pupils are in the club?

- [ ] A) 27
- [ ] B) 17
- [ ] C) 72
- [ ] D) 24
- [ ] E) 23

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92 A cycle route is 24 km long. Mei rides 1/4 of the route. How far is that?

- [ ] A) 6 km
- [ ] B) 24 km
- [ ] C) 18 km
- [ ] D) 5 km
- [ ] E) 96 km

---

93 1/8 of the pupils in a club are girls. There are 12 girls. How many pupils are in the club?

- [ ] A) 12
- [ ] B) 96
- [ ] C) 95
- [ ] D) 97
- [ ] E) 20

---

94 A box holds 33 counters. 1/3 of them are red. How many counters are red?

- [ ] A) 33
- [ ] B) 22
- [ ] C) 11
- [ ] D) 10
- [ ] E) 99

---

95 Ewan has £300. Ewan spends 1/6 of it on a game, then 2/5 of the money left on a snack. How much money is left?

- [ ] A) £151
- [ ] B) £150
- [ ] C) £130
- [ ] D) £149
- [ ] E) £250

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96 A cycle route is 85 km long. Mei rides 1/5 of the route. How far is that?

- [ ] A) 425 km
- [ ] B) 85 km
- [ ] C) 16 km
- [ ] D) 17 km
- [ ] E) 68 km

---

97 Chloe has £45. Chloe spends 2/5 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £27.00
- [ ] B) £19.00
- [ ] C) £18.00
- [ ] D) £12.00
- [ ] E) £0.00

---

98 1/3 of the money in a collection tin is £6. How much money is in the tin altogether?

- [ ] A) £2.00
- [ ] B) £19.00
- [ ] C) £18.00
- [ ] D) £17.00
- [ ] E) £6.00

---

99 A box holds 150 counters. 3/5 of them are red. How many counters are red?

- [ ] A) 60
- [ ] B) 91
- [ ] C) 30
- [ ] D) 450
- [ ] E) 90

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100 Dylan has £216. Dylan spends 7/8 of it on a game, then 1/3 of the money left on a snack. How much money is left?

- [ ] A) £198.00
- [ ] B) £9.00
- [ ] C) £18.00
- [ ] D) £-45.00
- [ ] E) £17.00

---

101 2/5 of the money in a collection tin is £24. How much money is in the tin altogether?

- [ ] A) £48.00
- [ ] B) £60.00
- [ ] C) £120.00
- [ ] D) £61.00
- [ ] E) £9.60

---

102 A box holds 63 counters. 5/7 of them are red. How many counters are red?

- [ ] A) 45
- [ ] B) 9
- [ ] C) 46
- [ ] D) 315
- [ ] E) 18

---

103 Maya has £60. Maya spends 3/10 of it on a game, then 1/2 of the money left on a snack. How much money is left?

- [ ] A) £12.00
- [ ] B) £3.00
- [ ] C) £39.00
- [ ] D) £21.00
- [ ] E) £22.00

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104 3/4 of the money in a collection tin is £6. How much money is in the tin altogether?

- [ ] A) £24.00
- [ ] B) £10.00
- [ ] C) £18.00
- [ ] D) £9.00
- [ ] E) £8.00

---

105 A cycle route is 18 km long. Aisha rides 1/2 of the route. How far is that?

- [ ] A) 10 km
- [ ] B) 18 km
- [ ] C) 36 km
- [ ] D) 9 km
- [ ] E) 8 km

---

106 Hamza has read 4/5 of a book, which is 8 pages. How many pages are in the book?

- [ ] A) 11
- [ ] B) 10
- [ ] C) 9
- [ ] D) 32
- [ ] E) 40

---

107 Rhys has £80. Rhys spends 9/10 of it. How much does Rhys spend?

- [ ] A) £8.00
- [ ] B) £71.00
- [ ] C) £720.00
- [ ] D) £73.00
- [ ] E) £72.00

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108 Oliver has £90. Oliver spends 1/3 of it on a game, then 1/5 of the money left on a snack. How much money is left?

- [ ] A) £48.00
- [ ] B) £42.00
- [ ] C) £60.00
- [ ] D) £18.00
- [ ] E) £12.00

---

109 A cycle route is 88 km long. Ewan rides 7/8 of the route. How far is that?

- [ ] A) 11 km
- [ ] B) 78 km
- [ ] C) 616 km
- [ ] D) 76 km
- [ ] E) 77 km

---

110 Anya has £90. Anya spends 2/3 of it on a game, then 4/5 of the money left on a snack. How much money is left?

- [ ] A) £5.00
- [ ] B) £84.00
- [ ] C) £7.00
- [ ] D) £6.00
- [ ] E) £-42.00

---

111 5/6 of the money in a collection tin is £15. How much money is in the tin altogether?

- [ ] A) £18.00
- [ ] B) £19.00
- [ ] C) £75.00
- [ ] D) £12.50
- [ ] E) £90.00

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112 Callum has £36. Callum spends 1/3 of it on a game, then 3/4 of the money left on a snack. How much money is left?

- [ ] A) £24.00
- [ ] B) £7.00
- [ ] C) £30.00
- [ ] D) £6.00
- [ ] E) £-3.00

---

113 Sana has read 2/3 of a book, which is 14 pages. How many pages are in the book?

- [ ] A) 42
- [ ] B) 28
- [ ] C) 17
- [ ] D) 22
- [ ] E) 21

---

114 Jack has £33. Jack spends 2/3 of it. How much does Jack spend?

- [ ] A) £49.50
- [ ] B) £22.00
- [ ] C) £23.00
- [ ] D) £11.00
- [ ] E) £21.00

---

115 Amara has £42. Amara spends 2/3 of it on a game, then 1/2 of the money left on a snack. How much money is left?

- [ ] A) £-7.00
- [ ] B) £35.00
- [ ] C) £7.00
- [ ] D) £14.00
- [ ] E) £-21.00

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116 Find 2/5 of 60.

- [ ] A) 24
- [ ] B) 20
- [ ] C) 18
- [ ] D) 12
- [ ] E) 30

---

117 5/8 of the money in a collection tin is £75. How much money is in the tin altogether?

- [ ] A) £120
- [ ] B) £375
- [ ] C) £15
- [ ] D) £83
- [ ] E) £600

---

118 A box holds 15 counters. 2/3 of them are red. How many counters are red?

- [ ] A) 10
- [ ] B) 5
- [ ] C) 11
- [ ] D) 9
- [ ] E) 30

---

119 1/6 of the pupils in a club are girls. There are 13 girls. How many pupils are in the club?

- [ ] A) 13
- [ ] B) 19
- [ ] C) 77
- [ ] D) 79
- [ ] E) 78

---

120 A cycle route is 90 km long. Ffion rides 1/5 of the route. How far is that?

- [ ] A) 90 km
- [ ] B) 17 km
- [ ] C) 18 km
- [ ] D) 72 km
- [ ] E) 450 km

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121 Ravi has £240. Ravi spends 1/5 of it on a game, then 1/6 of the money left on a snack. How much money is left?

- [ ] A) £112
- [ ] B) £152
- [ ] C) £80
- [ ] D) £160
- [ ] E) £32

---

122 Ewan has £44. Ewan spends 1/4 of it. How much does Ewan spend?

- [ ] A) £10.00
- [ ] B) £176.00
- [ ] C) £11.00
- [ ] D) £44.00
- [ ] E) £33.00

---

123 Noah has £120. Noah spends 3/5 of it on a game, then 2/3 of the money left on a snack. How much money is left?

- [ ] A) £48.00
- [ ] B) £17.00
- [ ] C) £-32.00
- [ ] D) £104.00
- [ ] E) £16.00

---

124 2/3 of the pupils in a club are girls. There are 16 girls. How many pupils are in the club?

- [ ] A) 32
- [ ] B) 23
- [ ] C) 8
- [ ] D) 24
- [ ] E) 48

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Mark scheme · 2.72 Fractions of Amounts and Remainders: 2-hour Pack

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

Question 1

correct option A (£10) cao **B1**

Answer: A) £10

Question 2

correct option A (£30) cao; 50 / 5 x 3 **B1**

Answer: A) £30

Question 3

correct option D (10) cao; 50 / 5 x 1 **B1**

Answer: D) 10

Question 4

correct option C (£24.00) cao **B1**

Answer: C) £24.00

Question 5

correct option B (148 km) cao; 185 / 5 x 4 **B1**

Answer: B) 148 km

Question 6

correct option A (£12.00) cao **B1**

Answer: A) £12.00

Question 7

correct option E (110) cao; 11 / 1 = 11, x 10 **B1**

Answer: E) 110

Question 8

correct option B (£1.00) cao **B1**

Answer: B) £1.00

Question 9

correct option E (52) cao; 13 / 1 = 13, x 4 **B1**

Answer: E) 52

Question 10

correct option A (£9.00) cao; 90 / 10 x 1 **B1**

Answer: A) £9.00

Question 11

correct option B (£2.00) cao **B1**

Answer: B) £2.00

Question 12

correct option C (£20) cao **B1**

Answer: C) £20

Question 13

correct option A (70) cao; 28 / 2 = 14, x 5 **B1**

Answer: A) 70

Question 14

correct option C (63 km) cao; 70 / 10 x 9 **B1**

Answer: C) 63 km

Question 15

correct option D (60) cao; 55 / 11 = 5, x 12 **B1**

Answer: D) 60

Question 16

correct option B (36 km) cao; 96 / 8 x 3 **B1**

Answer: B) 36 km

Question 17

correct option C (£15.00) cao **B1**

Answer: C) £15.00

Question 18

correct option B (45 km) cao; 81 / 9 x 5 **B1**

Answer: B) 45 km

Question 19

correct option A (£27.00) cao **B1**

Answer: A) £27.00

Question 20

correct option E (80) cao; 56 / 7 = 8, x 10 **B1**

Answer: E) 80

Question 21

correct option E (£3.00) cao; 9 / 3 x 1 **B1**

Answer: E) £3.00

Question 22

correct option A (£14.00) cao **B1**

Answer: A) £14.00

Question 23

correct option C (20) cao; 16 / 4 = 4, x 5 **B1**

Answer: C) 20

Question 24

correct option D (£24.00) cao; 28 / 7 x 6 **B1**

Answer: D) £24.00

Question 25

correct option B (£60) cao **B1**

Answer: B) £60

Question 26

correct option C (£39.00) cao; 13 / 1 = 13, x 3 **B1**

Answer: C) £39.00

Question 27

correct option E (350) cao; 375 / 15 x 14 **B1**

Answer: E) 350

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Question 28

correct option B (£150.00) cao; 135 / 9 = 15, x 10 **B1**

Answer: B) £150.00

Question 29

correct option D (£8.00) cao; 10 / 5 x 4 **B1**

Answer: D) £8.00

Question 30

correct option D (13 km) cao; 91 / 7 x 1 **B1**

Answer: D) 13 km

Question 31

correct option B (£60) cao; 5 / 1 = 5, x 12 **B1**

Answer: B) £60

Question 32

correct option E (72) cao; 160 / 20 x 9 **B1**

Answer: E) 72

Question 33

correct option D (£6.00) cao **B1**

Answer: D) £6.00

Question 34

correct option D (12 km) cao; 16 / 4 x 3 **B1**

Answer: D) 12 km

Question 35

correct option B (£100) cao **B1**

Answer: B) £100

Question 36

correct option A (£10.00) cao; 4 / 2 = 2, x 5 **B1**

Answer: A) £10.00

Question 37

correct option C (£8.00) cao; 24 / 3 x 1 **B1**

Answer: C) £8.00

Question 38

correct option D (£4.00) cao **B1**

Answer: D) £4.00

Question 39

correct option E (£2.00) cao **B1**

Answer: E) £2.00

Question 40

correct option E (£30.00) cao; 27 / 9 = 3, x 10 **B1**

Answer: E) £30.00

Question 41

correct option D (£15.00) cao **B1**

Answer: D) £15.00

Question 42

correct option A (140) cao; 126 / 9 = 14, x 10 **B1**

Answer: A) 140

Question 43

correct option C (3 km) cao; 15 / 5 x 1 **B1**

Answer: C) 3 km

Question 44

correct option A (£9.00) cao; 6 / 2 = 3, x 3 **B1**

Answer: A) £9.00

Question 45

correct option B (33) cao; 88 / 8 x 3 **B1**

Answer: B) 33

Question 46

correct option D (£30) cao **B1**

Answer: D) £30

Question 47

correct option C (80) cao; 30 / 3 = 10, x 8 **B1**

Answer: C) 80

Question 48

correct option D (88 km) cao; 165 / 15 x 8 **B1**

Answer: D) 88 km

Question 49

correct option A (£8.00) cao **B1**

Answer: A) £8.00

Question 50

correct option B (£50) cao; 10 / 1 = 10, x 5 **B1**

Answer: B) £50

Question 51

correct option E (252 km) cao; 324 / 9 x 7 **B1**

Answer: E) 252 km

Question 52

correct option C (£7.00) cao **B1**

Answer: C) £7.00

Question 53

correct option A (£40.00) cao; 12 / 3 = 4, x 10 **B1**

Answer: A) £40.00

Question 54

correct option C (£2.00) cao **B1**

Answer: C) £2.00

Question 55

correct option E (£104.00) cao; 13 / 1 = 13, x 8 **B1**

Answer: E) £104.00

Question 56

correct option A (48) cao; 54 / 9 x 8 **B1**

Answer: A) 48

Question 57

correct option B (£4.00) cao **B1**

Answer: B) £4.00

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Question 58

correct option D (£65.00) cao; 52 / 4 = 13, x 5 **B1**

Answer: D) £65.00

Question 59

correct option E (87) cao; 116 / 4 x 3 **B1**

Answer: E) 87

Question 60

correct option A (42) cao; 14 / 1 = 14, x 3 **B1**

Answer: A) 42

Question 61

correct option B (9 km) cao; 45 / 5 x 1 **B1**

Answer: B) 9 km

Question 62

correct option B (£2.00) cao **B1**

Answer: B) £2.00

Question 63

3/8 of 64 obtained (24) oe **M1**

final answer 29 cao **A1**

Answer: 29

Question 64

correct option A (12) cao; 8 / 2 = 4, x 3 **B1**

Answer: A) 12

Question 65

correct option B (4 km) cao; 36 / 9 x 1 **B1**

Answer: B) 4 km

Question 66

correct option C (£21.00) cao **B1**

Answer: C) £21.00

Question 67

correct option D (£210) cao; 225 / 15 x 14 **B1**

Answer: D) £210

Question 68

correct option E (£4.00) cao **B1**

Answer: E) £4.00

Question 69

correct option B (£40.00) cao; 4 / 1 = 4, x 10 **B1**

Answer: B) £40.00

Question 70

correct option D (£24.00) cao **B1**

Answer: D) £24.00

Question 71

correct option C (60) cao; 10 / 1 = 10, x 6 **B1**

Answer: C) 60

Question 72

method to divide £18 by 3/10 seen (eg £18 x 10/3 = £60) oe **M1**

£60 cao **A1**

Answer: £60

Question 73

correct option D (£72.00) cao **B1**

Answer: D) £72.00

Question 74

correct option E (£104.00) cao; 65 / 5 = 13, x 8 **B1**

Answer: E) £104.00

Question 75

correct option B (2 km) cao; 6 / 3 x 1 **B1**

Answer: B) 2 km

Question 76

correct option A (£14.00) cao **B1**

Answer: A) £14.00

Question 77

correct option A (£20.00) cao; 12 / 3 = 4, x 5 **B1**

Answer: A) £20.00

Question 78

correct option E (£12.00) cao; 27 / 9 x 4 **B1**

Answer: E) £12.00

Question 79

correct option D (£2.00) cao **B1**

Answer: D) £2.00

Question 80

correct option B (£6.00) cao; 12 / 2 x 1 **B1**

Answer: B) £6.00

Question 81

correct option E (20) cao **B1**

Answer: E) 20

Question 82

correct option A (£12.00) cao **B1**

Answer: A) £12.00

Question 83

correct option B (2) cao; 4 / 2 x 1 **B1**

Answer: B) 2

Question 84

correct option E (£16.00) cao **B1**

Answer: E) £16.00

Question 85

correct option D (35) cao; 7 / 1 = 7, x 5 **B1**

Answer: D) 35

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Question 86

correct option D (£6.00) cao **B1**

Answer: D) £6.00

Question 87

correct option C (15) cao; 3 / 1 = 3, x 5 **B1**

Answer: C) 15

Question 88

correct option E (152 km) cao; 171 / 9 x 8 **B1**

Answer: E) 152 km

Question 89

correct option B (£24.00) cao **B1**

Answer: B) £24.00

Question 90

correct division seen: 73 ÷ 8 = 9 remainder 1 oe **M1**

9 sweets each and 1 sweet left over cao **A1**

Answer: Each friend gets 9 sweets, 1 sweet left over

Question 91

correct option D (24) cao; 9 / 3 = 3, x 8 **B1**

Answer: D) 24

Question 92

correct option A (6 km) cao; 24 / 4 x 1 **B1**

Answer: A) 6 km

Question 93

correct option B (96) cao; 12 / 1 = 12, x 8 **B1**

Answer: B) 96

Question 94

correct option C (11) cao; 33 / 3 x 1 **B1**

Answer: C) 11

Question 95

correct option B (£150) cao **B1**

Answer: B) £150

Question 96

correct option D (17 km) cao; 85 / 5 x 1 **B1**

Answer: D) 17 km

Question 97

correct option C (£18.00) cao **B1**

Answer: C) £18.00

Question 98

correct option C (£18.00) cao; 6 / 1 = 6, x 3 **B1**

Answer: C) £18.00

Question 99

correct option E (90) cao; 150 / 5 x 3 **B1**

Answer: E) 90

Question 100

correct option C (£18.00) cao **B1**

Answer: C) £18.00

Question 101

correct option B (£60.00) cao; 24 / 2 = 12, x 5 **B1**

Answer: B) £60.00

Question 102

correct option A (45) cao; 63 / 7 x 5 **B1**

Answer: A) 45

Question 103

correct option D (£21.00) cao **B1**

Answer: D) £21.00

Question 104

correct option E (£8.00) cao; 6 / 3 = 2, x 4 **B1**

Answer: E) £8.00

Question 105

correct option D (9 km) cao; 18 / 2 x 1 **B1**

Answer: D) 9 km

Question 106

correct option B (10) cao; 8 / 4 = 2, x 5 **B1**

Answer: B) 10

Question 107

correct option E (£72.00) cao; 80 / 10 x 9 **B1**

Answer: E) £72.00

Question 108

correct option A (£48.00) cao **B1**

Answer: A) £48.00

Question 109

correct option E (77 km) cao; 88 / 8 x 7 **B1**

Answer: E) 77 km

Question 110

correct option D (£6.00) cao **B1**

Answer: D) £6.00

Question 111

correct option A (£18.00) cao; 15 / 5 = 3, x 6 **B1**

Answer: A) £18.00

Question 112

correct option D (£6.00) cao **B1**

Answer: D) £6.00

Question 113

correct option E (21) cao; 14 / 2 = 7, x 3 **B1**

Answer: E) 21

Question 114

correct option B (£22.00) cao; 33 / 3 x 2 **B1**

Answer: B) £22.00

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Question 115

correct option C (£7.00) cao **B1**

Answer: C) £7.00

Question 116

correct option A (24) cao **B1**

Answer: A) 24

Question 117

correct option A (£120) cao; 75 / 5 = 15, x 8 **B1**

Answer: A) £120

Question 118

correct option A (10) cao; 15 / 3 x 2 **B1**

Answer: A) 10

Question 119

correct option E (78) cao; 13 / 1 = 13, x 6 **B1**

Answer: E) 78

Question 120

correct option C (18 km) cao; 90 / 5 x 1 **B1**

Answer: C) 18 km

Question 121

correct option D (£160) cao **B1**

Answer: D) £160

Question 122

correct option C (£11.00) cao; 44 / 4 x 1 **B1**

Answer: C) £11.00

Question 123

correct option E (£16.00) cao **B1**

Answer: E) £16.00

Question 124

correct option D (24) cao; 16 / 2 = 8, x 3 **B1**

Answer: D) 24

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