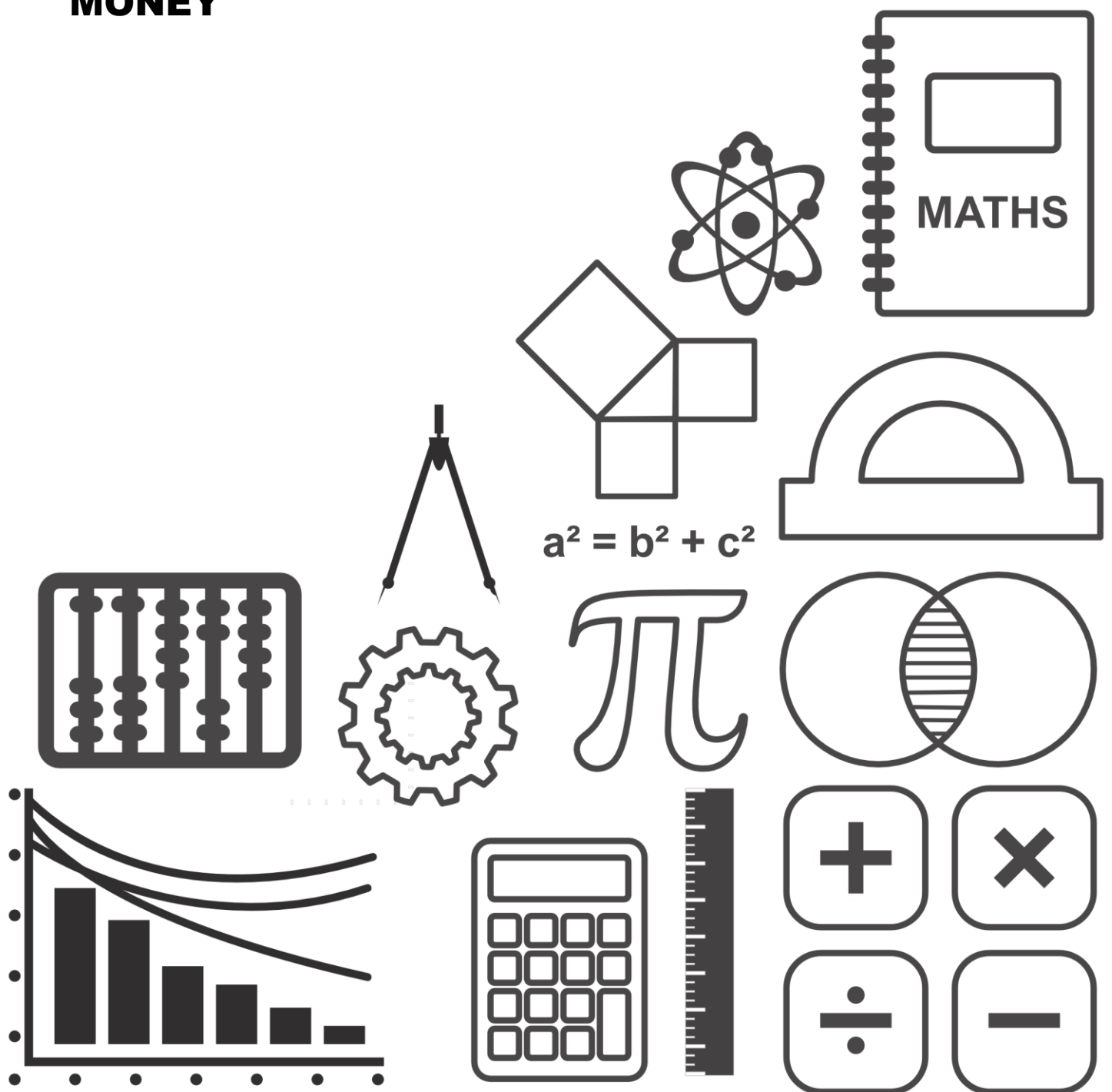


GCSE TOPIC BOOKLET MONEY



[6]

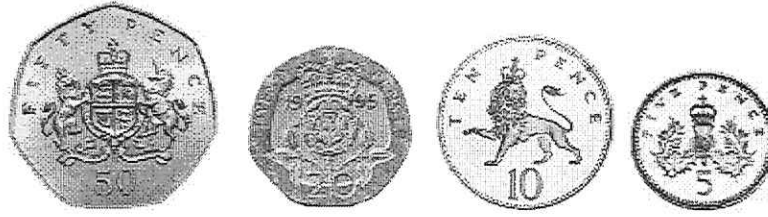
[illegible]

2.

[3]

3.

Mia collects 50p, 20p, 10p and 5p coins in a savings jar.



She counts that she has collected a total of £21.35.
 She has 22 fifty pence coins, 32 twenty pence coins, 18 ten pence coins and some five pence coins.
 How many five pence coins has she collected? [4]

4.

Caleb has these coins.



Manon has these coins.



Caleb gives Manon some coins so that they each have the same amount of money.

Which coins does Caleb give to Manon? [2]

5.

Builders use cement and sand to make mortar when building walls. They estimate how much material they need to order before they start to work.

One useful estimation they use is shown below.

For every 1m² of wall: cement required = 15.5kg,
sand required = 56kg.

Hasan is building a wall 25 metres long and 2 metres high.
He buys cement in 25 kg bags costing £4.87 per bag.
He buys sand in 40 kg bags costing £2.65 per bag.

Calculate the total cost of the cement and sand required.
You must show all your working.

[9]

1. **IDENTIFICATION** (Name, Address, City, State, Zip) _____
 2. **DATE OF BIRTH** (Month/Day/Year) _____
 3. **SEX** (Male/Female) _____
 4. **EDUCATION** (High School/College/Graduate) _____
 5. **OCCUPATION** (Current/Previous) _____
 6. **RELIGION** (If any) _____
 7. **POLITICAL AFFILIATION** (If any) _____
 8. **CRIMINAL RECORD** (If any) _____
 9. **FINANCIAL STATEMENT** (Income, Assets, Liabilities) _____
 10. **REFERENCES** (Names, Addresses, Phone Numbers) _____
 11. **SIGNATURE** _____
 12. **DATE** (Month/Day/Year) _____
 13. **WITNESSES** (Names, Addresses, Phone Numbers) _____
 14. **NOTARY PUBLIC** (Name, Address, Commission Expires) _____
 15. **STATE** (Name) _____
 16. **COUNTY** (Name) _____
 17. **CITY** (Name) _____
 18. **ZIP** (Number) _____
 19. **TELEPHONE** (Number) _____
 20. **FAX** (Number) _____
 21. **E-MAIL** (Address) _____
 22. **WEB SITE** (Address) _____
 23. **MOBILE PHONE** (Number) _____
 24. **PAGER** (Number) _____
 25. **CELL PHONE** (Number) _____
 26. **LANDLINE** (Number) _____
 27. **TELEFAX** (Number) _____
 28. **INTERNET** (Address) _____
 29. **SECURITY** (Number) _____
 30. **POSTAL** (Number) _____
 31. **TELEPHONE** (Number) _____
 32. **FAX** (Number) _____
 33. **E-MAIL** (Address) _____
 34. **WEB SITE** (Address) _____
 35. **MOBILE PHONE** (Number) _____
 36. **PAGER** (Number) _____
 37. **CELL PHONE** (Number) _____
 38. **LANDLINE** (Number) _____
 39. **TELEFAX** (Number) _____
 40. **INTERNET** (Address) _____
 41. **SECURITY** (Number) _____
 42. **POSTAL** (Number) _____
 43. **TELEPHONE** (Number) _____
 44. **FAX** (Number) _____
 45. **E-MAIL** (Address) _____
 46. **WEB SITE** (Address) _____
 47. **MOBILE PHONE** (Number) _____
 48. **PAGER** (Number) _____
 49. **CELL PHONE** (Number) _____
 50. **LANDLINE** (Number) _____
 51. **TELEFAX** (Number) _____
 52. **INTERNET** (Address) _____
 53. **SECURITY** (Number) _____
 54. **POSTAL** (Number) _____
 55. **TELEPHONE** (Number) _____
 56. **FAX** (Number) _____
 57. **E-MAIL** (Address) _____
 58. **WEB SITE** (Address) _____
 59. **MOBILE PHONE** (Number) _____
 60. **PAGER** (Number) _____
 61. **CELL PHONE** (Number) _____
 62. **LANDLINE** (Number) _____
 63. **TELEFAX** (Number) _____
 64. **INTERNET** (Address) _____
 65. **SECURITY** (Number) _____
 66. **POSTAL** (Number) _____
 67. **TELEPHONE** (Number) _____
 68. **FAX** (Number) _____
 69. **E-MAIL** (Address) _____
 70. **WEB SITE** (Address) _____
 71. **MOBILE PHONE** (Number) _____
 72. **PAGER** (Number) _____
 73. **CELL PHONE** (Number) _____
 74. **LANDLINE** (Number) _____
 75. **TELEFAX** (Number) _____
 76. **INTERNET** (Address) _____
 77. **SECURITY** (Number) _____
 78. **POSTAL** (Number) _____
 79. **TELEPHONE** (Number) _____
 80. **FAX** (Number) _____
 81. **E-MAIL** (Address) _____
 82. **WEB SITE** (Address) _____
 83. **MOBILE PHONE** (Number) _____
 84. **PAGER** (Number) _____
 85. **CELL PHONE** (Number) _____
 86. **LANDLINE** (Number) _____
 87. **TELEFAX** (Number) _____
 88. **INTERNET** (Address) _____
 89. **SECURITY** (Number) _____
 90. **POSTAL** (Number) _____
 91. **TELEPHONE** (Number) _____
 92. **FAX** (Number) _____
 93. **E-MAIL** (Address) _____
 94. **WEB SITE** (Address) _____
 95. **MOBILE PHONE** (Number) _____
 96. **PAGER** (Number) _____
 97. **CELL PHONE** (Number) _____
 98. **LANDLINE** (Number) _____
 99. **TELEFAX** (Number) _____
 100. **INTERNET** (Address) _____



She has found the following information about the special paint that she needs.

- Showing all your calculations, find the least amount she has to pay for enough paint to cover the wall.

[illegible]

[6]

7.

Jamie was buying fireworks for a bonfire party.

(a) Complete his bill.

[3]

Items	Cost
2 "Shining Star" rocket selection packs at £24.99 each	£
5 packs of sparklers at 89 pence per pack	£
1 "Fantastic Fireworks" selection box	£
Total	£88.43

(b)



When Jamie was in the shop buying fireworks, he noticed the special deal shown above. He wanted to get a free Roman Candle. He decided to buy some extra fireworks that cost £4 each. What was the least number of these fireworks he needed to buy to get a free Roman Candle? [2]

Elinor plans to sell cups of juice at a disco.
She buys 8 bottles of juice.
Each bottle holds 3 litres and costs £3.65 per bottle.
The total cost of the plastic cups she uses is £2.50.
Each plastic cup is filled with 250 ml of juice and is sold for 75p.
Elinor sells all the juice that she has bought.

[7]

[illegible]

9.

You will be assessed on the quality of your written communication in this question.

Garry is arranging a birthday party for his grandmother at a local hotel.
Sixty people will be there, and half of them will be young children.

The hotel will provide food at a charge of £12 per portion.

To decide how many portions to order, Garry allows one portion of food for each adult and half a portion for each child.
To be sure there is enough food available; he then rounds up the total number of portions required to the nearest 10.

How many portions did Garry order and what was the total cost?
You must show all your working.

[7]

Jacqui is planning a birthday party for her 8 year old daughter, Elian.

The party will be for 30 children, including Elian.
She decides that the party will be for 2 hours.

She finds out the following information about 3 party ideas.



Parties at Toots

£8 per head

Includes drinks, sausage and chips,
sweets, ice skating and build a bear!

30 children or more, get $\frac{1}{10}$ off

2-Hour Pool Party

£140 for the session

Bring your own food
Room available free
of charge

Bouncy Castle at the Hall

Bouncy Castle hire: £65

Community Hall Charge: £25 per hour

Bring your own food

For the places that do not provide food, Jacqui finds out that she can buy sausage, chips and a small drink for £1.50 per child.

- (a) Find the total cost of each party idea. Show all your working.

[6]

[illegible]

(b) What is the best option for Jacqui?
Give a reason for your answer.

[1]