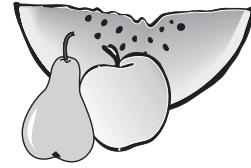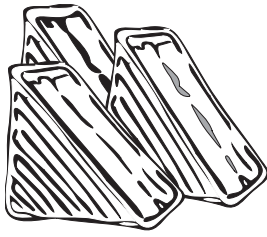# method maths

BOOSTER WORKBOOK

Measurement M3

Money Problems

1

These are the prices of sandwiches, drinks and fruit.

Sandwiches		Drinks		Fruit	
cheese	£1.45	milk	55p	apple	15p
tuna	£1.70	cola	45p	pear	20p
salad	£1.20	juice	65p	melon	25p

Shereen buys a **tuna** sandwich, **milk** and a **pear**.

How much does she pay?

1 mark

Mike has 80p to spend on a **fruit** and a **drink**.

What **two** things can he buy for exactly **80p**?

. . . . and . . . .

1 mark

2   Asif, Vicky and Nita go to town by bus.

This is what they pay.

Asif

BUS TICKET

75p

Vicky

BUS TICKET

£1.35

Nita

BUS TICKET

£1.55

How much **more** does **Nita** pay than **Asif**?

1 mark

Vicky then takes **another** bus from town to visit her auntie.

She pays **90p** on this bus.

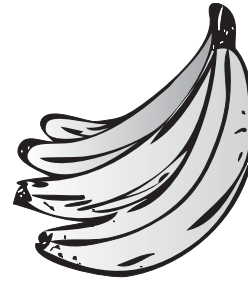How much has Vicky paid **altogether** for her two bus tickets?

1 mark

3 These are the prices of coconuts and bananas.
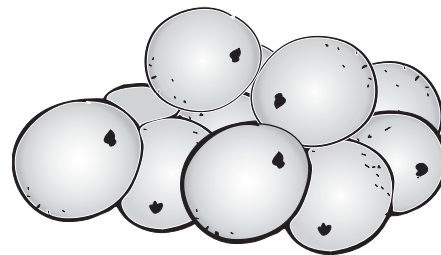
coconuts
78p each

bananas
£1.20 for 1kg

Josh buys **one coconut** and **half a kilogram** of **bananas**.

How much does he spend altogether?

Show your **method**. You may get a mark.
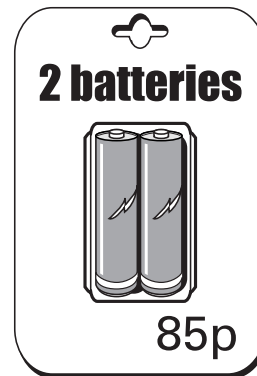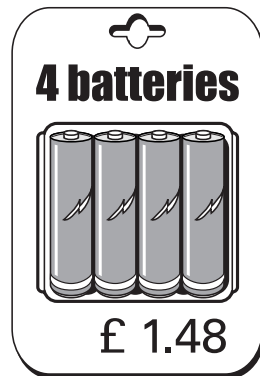
£

2 marks

Oranges cost **25p** each.

How many oranges can Josh buy for **£1.50**?

1 mark

4　A shop sells batteries in **packs of four** and **packs of two**.

4 batteries

£ 1.48

2 batteries

85p

Simon and Nick want two batteries each.

They buy a **pack of four** and share the cost equally.

How much does each pay?

Show your **working.** You may get a mark.

2 marks

Mary buys **2 packs of two** batteries.

Hamid buys **1 pack of four**.

How much **more** does Mary pay than Hamid?

Show your **working.** You may get a mark.

2 marks

5 These are the prices in a shoe shop.

boots
£45.50

sandals
£12.75

trainers
£34.99

How much **more** do the boots cost than the trainers?

£ ☐

1 mark

Rosie buys a pair of trainers and a pair of sandals.

How much change does she get from **£50**?
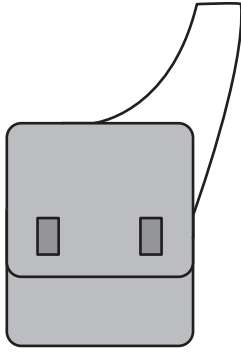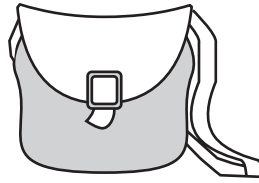
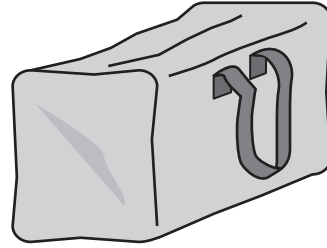Show your **method**. You may get a mark.

£ ☐

2 marks

6 Here are three bags in a shop.

A
£11.50

B
£14.65

C
£16.50

How much does bag B cost to the nearest pound?

£

Jamie buys bag A and bag C.

How much change does he get from £40?

Show your **working**. You may get a mark.

£

7

Lewis makes a call from
a telephone box.

He has **£2** in coins.

He uses these five coins to make the call.

How much money has he got **left from the £2**?

1 mark

8 A shop sells candles.

plain candles
35p each

star candles
60p each

stripe candles
85p each

Sapna buys **4** star candles and **2** stripe candles.

How much does she pay **altogether**?

Show
your **working**.
You may get
a mark.

2 marks

Special offer
Buy 10 candles and get 50p off.

Josh buys **10** plain candles in the special offer.

How much does he pay for the 10 candles?

£

1 mark

9   Here are some amounts of money.

Circle **all** the amounts that can be made with **three** coins.

71p   72p   73p   74p   75p

10   Each of these bags contains **£1.60**

Each bag contains only one type of coin.

Complete this table to show how many coins are in each bag.

One has been done for you.

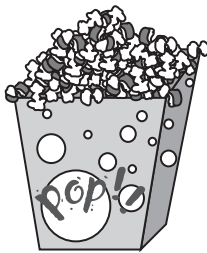| Type of coin	Number of coins
1p	**160**
10p	
20p	

11   Cinema tickets cost **£3.65** each.
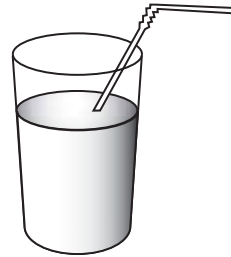
Hannah buys **4 tickets**.

£3.65

BIG SCREEN

How much does Hannah pay?

£

popcorn
£1.95

milkshake
£1.25

Nico buys a **box of popcorn** and **two milkshakes**.

How much does Nico spend **altogether**?

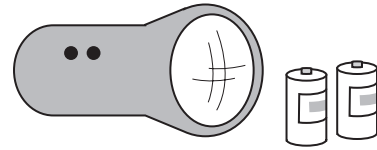Show your **method**. You may get a mark.

£

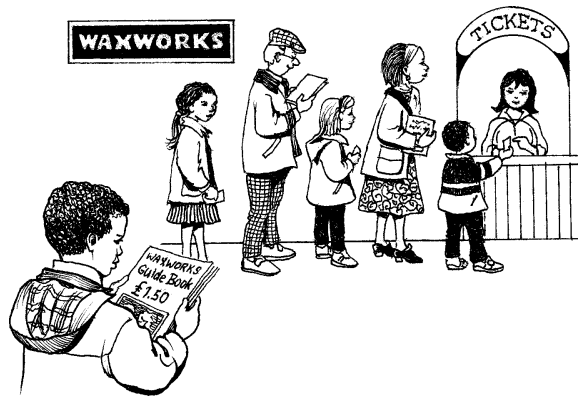**12** A torch costs £7.65

Kate buys a torch and **two** batteries.

She pays £8.75 altogether.

How much does **one** battery cost?

Show your **working**. You may get a mark.

2 marks

13

This is the cost to visit the waxworks.

Adults	£8.50
Children	£4.50

On Friday morning **12 adults** and **20 children** visit the waxworks.

How much do they pay altogether?

Show your **method**. You may get a mark.

£

2 marks

Guide books cost **£1.50** each.

The waxworks sells **£24** worth of **guide books**.

How many guide books is this?

1 mark

14 A shop sells three types of sunglasses.

£4.69

£2.99

£5.85

What is the **difference** in price between the **most** expensive and **least** expensive sunglasses?

£

1 mark

The shop also sells sun hats.

£3.29 each

Ryan buys the **£4.69 sunglasses** and a **sun hat**.

How much change does he get from **£10**?
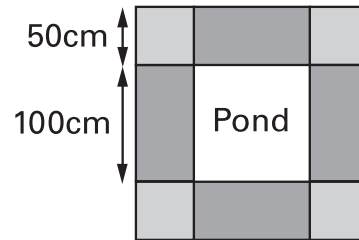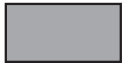
Show your **working**. You may get a mark.

2 marks

15 Mr Singh buys paving slabs to go around his pond.

PAVING SLABS

£1.95 each   Square slabs
                              50cm by 50cm

£3.50 each   Rectangular slabs
                              100cm by 50cm

50cm

100cm   Pond

He buys 4 rectangular slabs and 4 square slabs.

What is the total cost of the slabs he buys?

Show your **working**. You may get a mark.

£

2 marks

Mr Singh says,

'It would cost more to use square slabs all the way round.'

Explain why he is correct.

. . . .

. . . .

1 mark

. . . .

16

185 people go to the school concert.

They pay **£1.35** each.

How much ticket money is collected?

£ [   ]

1 mark

Programmes cost **15p** each.

Selling programmes raises **£12.30**
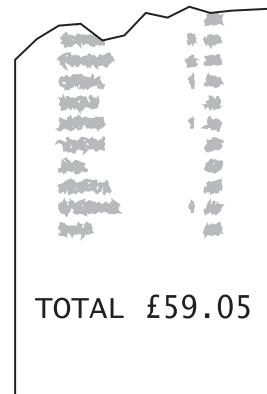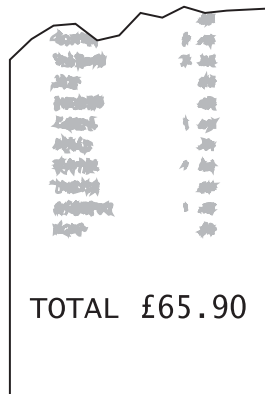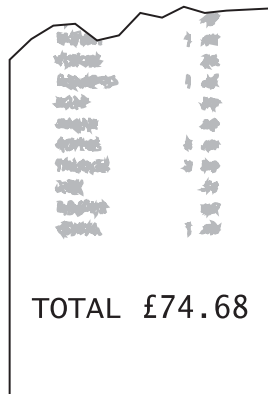
How many **programmes** are sold?

Show your **method**. You may get a mark.

2 marks

17 Here are three supermarket bills.

TOTAL £74.68	TOTAL £65.90	TOTAL £59.05

Tom rounds each bill **to the nearest £10** and then adds them up.

What is the total amount that Tom gets?

£

Mary adds up the three bills **exactly**.
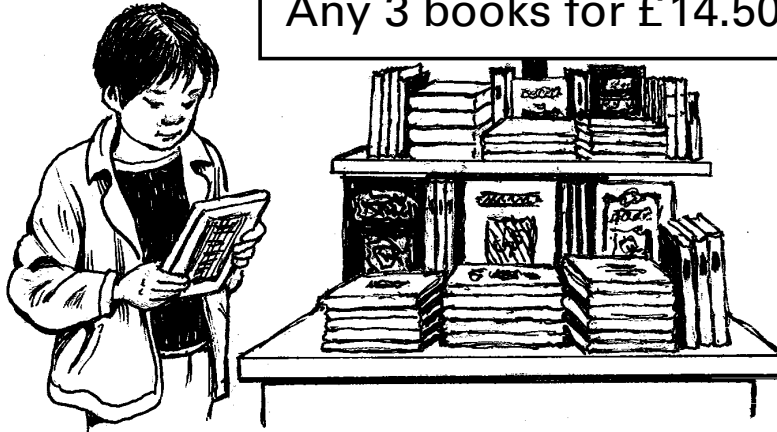
What is the difference between her total and Tom's total?

Show your **method**. You may get a mark.

18

Book Sale
Any 3 books for £14.50

£3.99   £5.99   £6.99

Lee bought these **three books** in the sale for **£14.50**

How much money did he save altogether compared to the **full price** of the books?

Show your **working**.
You may get a mark.

£

2 marks

19

Kate and Jamie each have some money.

Altogether they have **£1.50**

Kate gives Jamie **10p** so that they both have the same amount.

How much money did each have at the start?

Show your **method**. You may get a mark.

Kate had ☐ **p**   Jamie had ☐ **p**

2 marks

20

6 green apples for 75p   10 red apples for 90p

Jason bought some bags of green apples and some bags of red apples.

He spent **£4.20**

How many **bags** of each type of apple did he buy?

Show your **working**. You may get a mark.

[   ] **bags** of **green** apples   [   ] **bags** of **red** apples

2 marks

Nika and Hassan bought some bags of apples.

Nika says,

'I bought more apples than Hassan, but I spent less money.'

Explain how this is possible.

. . . .

. . . .

. . . .

1 mark

The cost for using a minibus is £1.36 for each kilometre.

8 friends go on a 114 kilometre journey.

They share the cost equally.

How much does each person pay?

Show your **method**. You may get a mark.

£

2 marks