Mathletics

Time and Money

Series C – Time and Money

Contents

Series Author:

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Series C – Time and Money

Page 1

1a, b

6	J **u** n **e**
9	**S** e p t **e** m b **e r**
7	**J u** l y
3	M a r **c h**
10	O **c** t **o** b **e r**
12	**D** e c **e** m **b** e **r**
8	A u **g u** s t
1	J **a** n **u** a r **y**
4	A p **r i l**
11	N **o** v e m **b** e **r**
5	M **a y**
2	F e **b** r u **a r y**

2a May

 b October

 c November

Page 2

1a Answers will vary.

 b Teacher check.

Pages 3–4

What to do:

Observe students.

Page 5

What to do:

Answers will vary.

What to do next:

Observe students.

Page 6

1 Answers will vary.

2 Answers will vary.

Page 7

1a–e Answers will vary.

Page 8

What to do:

Answers will vary.

Page 9

1 Answers will vary.

2 Answers will vary.

3 Answers will vary.

Page 10

1 Answers will vary.

2 Answers will vary.

3 Answers will vary.

4 Answers will vary.

5 Multiply number of star jumps by 60.

Page 11

1a 6

 b 8

 c 2

2a **b**
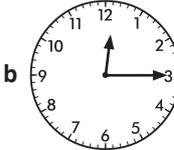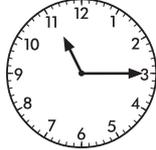
c **d**
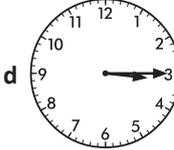
Page 12

1a 8

 b 4

 c 10

2a **b**

c **d**
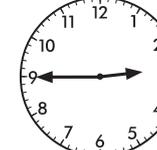
Page 13

What to do:

Observe students.

Page 14

1

| 25 past 9 | 10 past 5 | 10 past 10 | 5 past 6 | 20 past 2 | 5 past 8 |

2a **b**

c **d**

Page 15

1a 20 to 8

 b 10 to 9

 c 25 to 12

 d 5 to 6

2a **b**

c **d**

Series C – Time and Money

2e f

g h
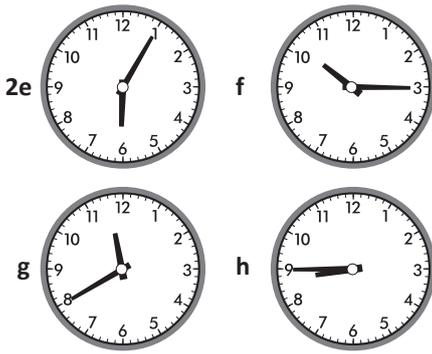
Page 16

1a ✓

b ✓

c ✗

d ✗

e ✓

f ✗

Page 17

1 Answers will vary.

2 Answers will vary.

Page 18

1

1p 2p 5p 10p 20p 50p £1 £2
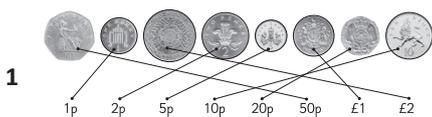
Page 19

1a £1.00

b 80p or £0.80

c £12.50

d 35p or £0.35

e £27.00

f 15p or £0.15

2a 5p; 50p; £5

b £0.25; £2.50; £25.00

c £0.80; £8.00; £80.00

d £10.95; £11.95; £12.95

Page 20

1a 4p; 6p; 12p; 16p; 20p

b 60p; 80p; 1.40; 1.60; 1.80

c 15p; 20p; 25p; 35p; 40p; 45p

d 1.50; 2.00; 3.00; 3.50; 4.00; 4.50

2a £1.40

b 60p

c £2.50

d £1.60

Pages 21–22

What to do:
Answers will vary.

What to do next:
Answers will vary.

Page 23

1a		b		c	
10p		15p		6p	
20p		25p		60p	
40p		35p		8p	
£1		45p		80p	
£2		55p		5p	
£4		30p		50p	
50p		40p		6p	
£5		50p		60p	

Page 24

1a £1

b £1

c £10

d £1

e £2

f £1

Page 25

What to do:
Answers will vary.

What to do next:
Answers will vary.

Page 26

What to do:
Answers will vary.

Page 27

**What to do:**

a £1

b 25p + 25p + 25p + 25p

c 25p + 25p + 10p + 10p + 10p + 10p + 10p

d 10p + 10p + 10p + 10p + 10p + 10p 10p +10p + 10p + 10p

What to do next:

20 5p coins

Page 28

1a

✓

b

c

✓

d
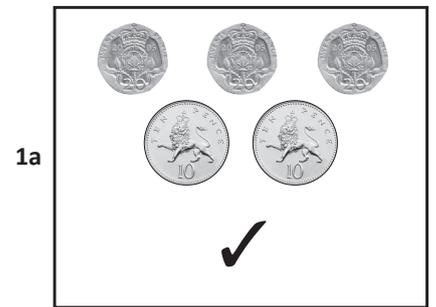
Series C – Time and Money

1 Answers will vary and may include:

At the jumble sale	£1.75	(coins)
	£2.30	(coins)
At the rides	£2.50 a turn	(coins)
	£3.30 a turn	(coins)
At the food stalls	£3.50	(coins)
	£4.25 a plate	(coins)
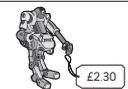
Page 30

1 Answers will vary.

2 No It will cost £5.50 and she only has £5.

Page 31

1

Coins to add	Change
(coin)	**50p**
(coin)	**20p**
(coins)	**30p**
(coin)	**20p**
(coin)	**10p**

Page 32

1

	Number line	Change
a	0 £1.00 £2.00 £3.00 £4.00 £5.00	**£1**
b	0 £1.00 £2.00 £3.00 £4.00 £5.00	**£3**
c	0 £1.00 £2.00 £3.00 £4.00 £5.00	**£2**
d	0 £1.00 £2.00 £3.00 £4.00 £5.00	**-**
e	0 £1.00 £2.00 £3.00 £4.00 £5.00	**£4**
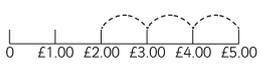
Page 33

1a 40, 1; £1.40

b 20, 3; £3.20

c 70, 2; £2.70

Time

1 What could you do that would take about:

a | a second?

b | a minute?

c | an hour?

....

2 Write the times shown on the clock faces in words in the boxes below:

a

b

c

d

e

f

g

h

i

j

k

l
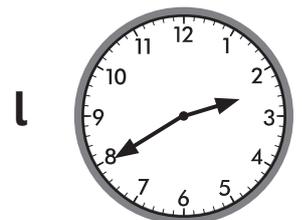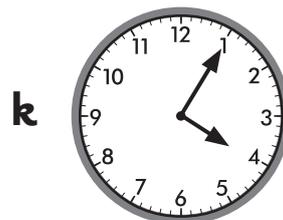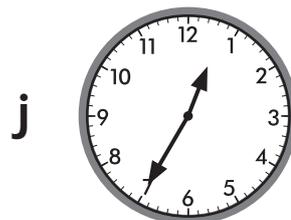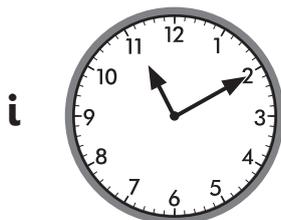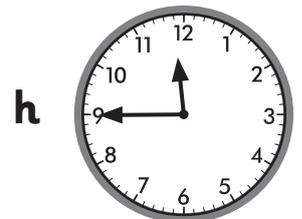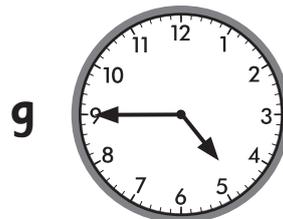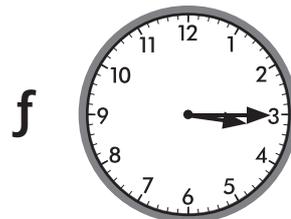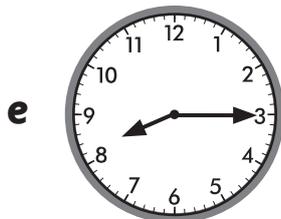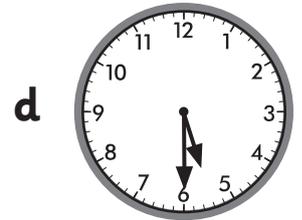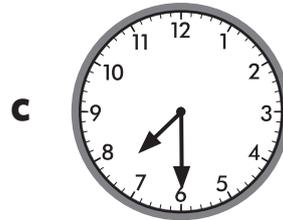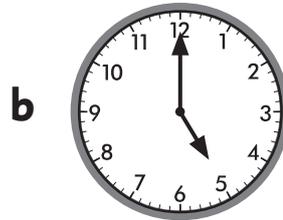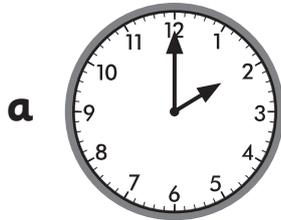
Time

3 Draw the missing hands on the clocks to finish the times.
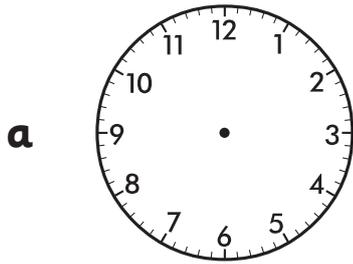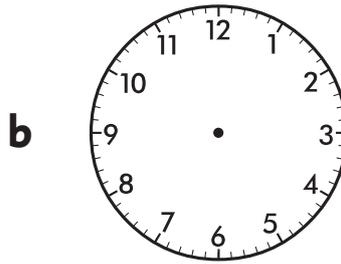
a

half past 9

b

half past 3

c

6 o'clock

d

quarter past 3

e

quarter past 7

f

quarter to 10

g

5 past 7

h

20 to 11

i
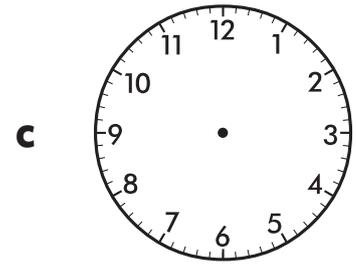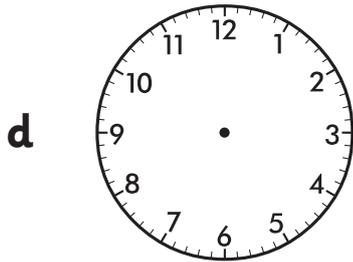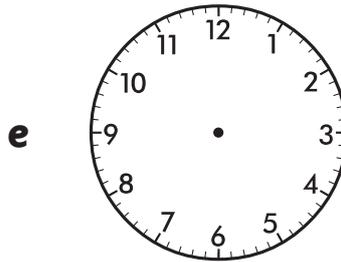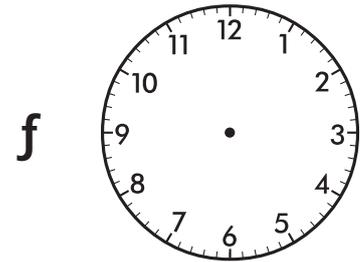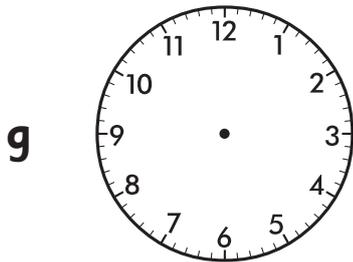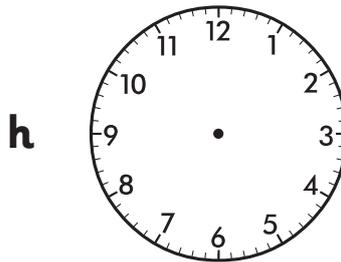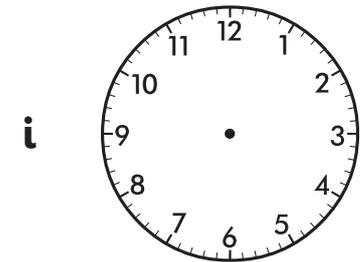
25 past 1

Skills and understandings	Not yet	Kind of	Got it
• Orders months of the year			
• Locates days and dates on a calendar			
• Matches months with seasons			
• Matches appropriate activities with units of time			
• Reads and makes analogue o'clock times			
• Reads and makes analogue half past times			
• Reads and makes analogue quarter past and quarter to times			
• Reads and makes analogue times to the nearest 5 minutes			

Money

Name_____

1 Write the amounts on the price tags.

a one pound and 20 pence

b 80 pence

....

2 Put these amounts in order from least to most.

a £7.00   £7.50   £0.75

....
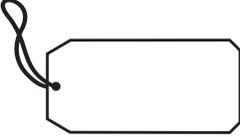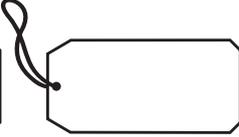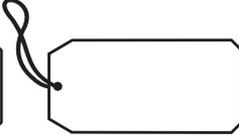
b £4.50   45p   £45.00

....
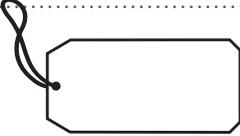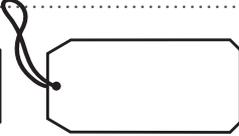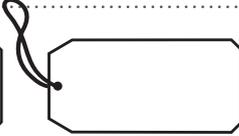
3 How much money?

a

b

c

d

e

f
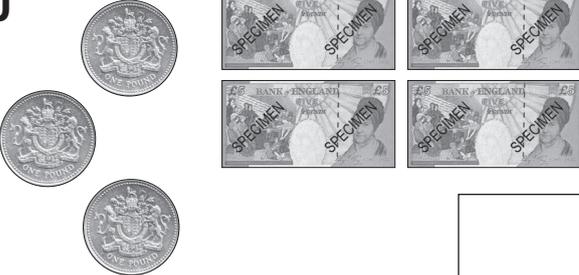
Money

Name _____

4 How much money?

a					

5 Show 2 different ways to make £1.75.

6 What change would you receive?

Item and cost	You pay with	Working out	Change
a £3.80			
b £1.30			

Skills and understandings	Not yet	Kind of	Got it
• Orders amounts from least to most			
• Skip counts in 2s, 5s, 20s, 10s and 50s to find amounts			
• Calculates amounts with mixed coins to £5.00			
• Makes equivalent amounts			
• Calculates simple change (to tens)			

Series C – Time and Money – Student Progress Record

Name _____ Class _____ Date _____

What went well: _____

_____

_____

_____

What I need to improve: _____

_____

_____

_____

Series C – Time and Money – Student Progress Record

Name _____ Class _____ Date _____

What went well: _____

_____

_____

_____

What I need to improve: _____

_____

_____

_____

Series C – Time and Money

ASSESSMENT ANSWERS

Pages 4–5

1a–c Answers will vary.

2a two o'clock

b five o'clock

c half past seven

d half past five

e quarter past eight

f quarter past three

g quarter to five

h quarter to twelve

i ten past eleven

j twenty-five to one

k five past four

l twenty to three

3a

b

c

d

e

3f

g

h

i
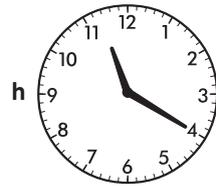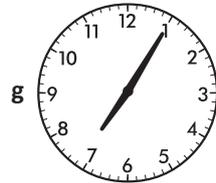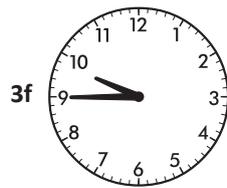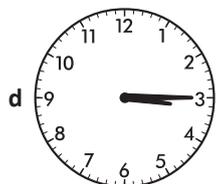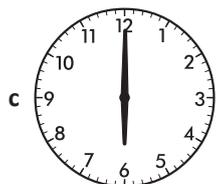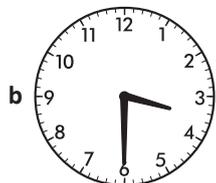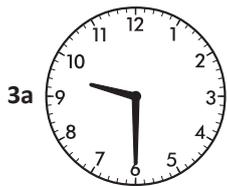
Pages 6–7

1a £1.20

b 80p

2a £0.75; £7.00; £7.50

b 45p; £4.50; £45.00

3a £1.60

b 50p

c £2

d £80

e £16

f £23

4a £2

b £4.85

5 Answers will vary.

6a 20p + £1; £1.20

b 70p; 70p

Series C – Time and Money

Topic	Reference	Strand	Objective
Time	2M4b	Measurement	Compare and sequence intervals of time
Time	2M4a	Measurement	Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
Time	2M4c	Measurement	Know the number of minutes in an hour and the number of hours in a day
Money	2M3a	Measurement	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
Money	2M3b	Measurement	Find different combinations of coins that equal the same amounts of money
Money	2M9	Measurement	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change