

Q1.

William wants to travel to Paris by train.

He needs to arrive in Paris by **5:30 pm**.

Circle the **latest time** that William can leave London.

Leaves London	Arrives Paris
12:01	15:22
12:25	15:56
13:31	16:53
14:01	17:26
14:31	17:53
15:31	18:53
16:01	19:20

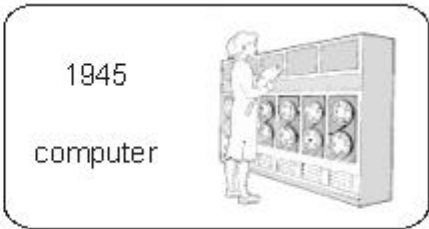
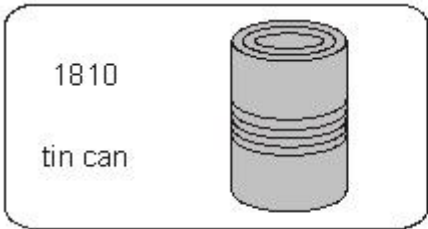
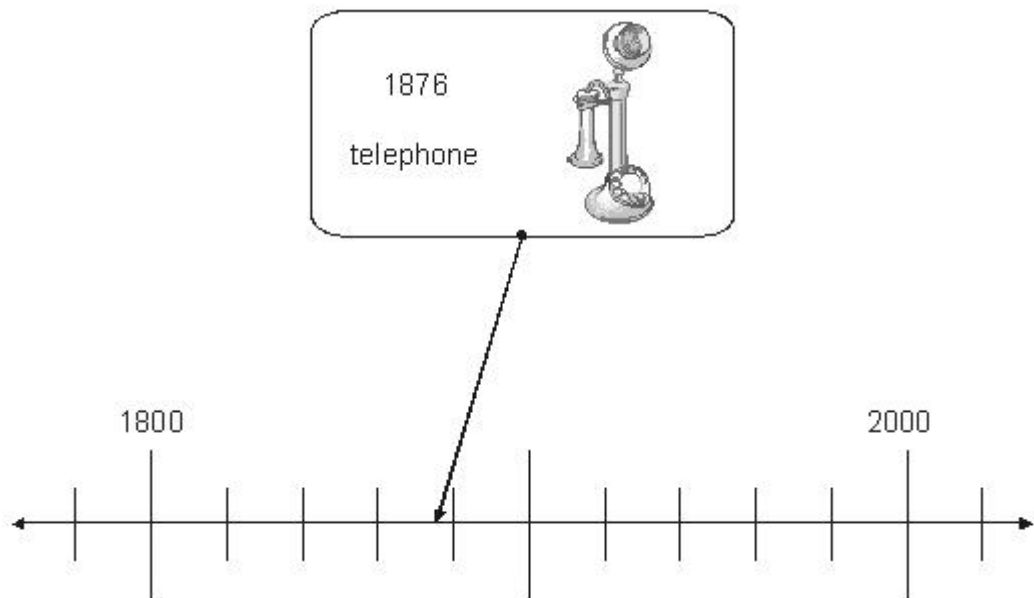
1 mark

Q2.

Here is part of a time line.

Draw a line from each invention to the correct point on the time line.

One has been done for you.



2 marks

Q3.

In March, Ken collects 2, 3 or 4 eggs each day from his hens.

In the first 20 days, Ken collects 57 eggs altogether.

There are 31 days in March.

What is the **greatest** number of eggs Ken can collect in March?

Show
your
method

eggs

2 marks

Q4.



Here are the **start** and **finish** times of some children doing a sponsored walk.

	Start time	Finish time
Claire	9.30	10.55
Ruth	9.35	11.05
Dan	9.40	11.08
Tim	9.45	11.05

How much longer did Claire take than Tim?

minutes

1 mark

Q5.

One of these watches is **3 minutes fast**.

The other watch is **4 minutes slow**.



What is the correct time?

1 mark

Q6.



Boat Hire	
Motor boats	Rowing boats
£1.50 for 15 minutes	£2.50 for 1 hour

How much does it cost to hire a **rowing boat** for three hours?

£

1 mark

Sasha pays **£3.00** to hire a **motor boat**.

She goes out at **3:20pm**.

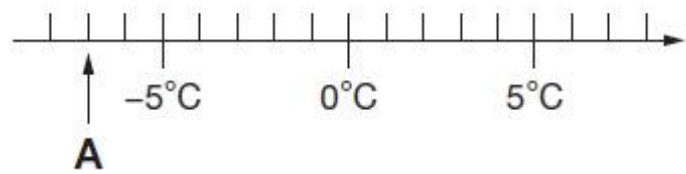
By what time must she **return**?

pm

1 mark

Q7.

Here is part of a temperature scale.



What is the temperature shown at **A**?

°C

1 mark

What temperature is 20 degrees **higher** than **A**?

°C

1 mark

Q8.

One gram of gold costs £32.94

What is the cost of **half a kilogram** of gold?

Show
your
method

£

2 marks

Q9.

This is what it costs to visit a castle.

Allington Castle Cost per person	
Adults	£2.45
Children (11 and over)	£1.30
Children (under 11)	95p

Helen is 10 years 9 months old.

How much will it cost Helen to visit?

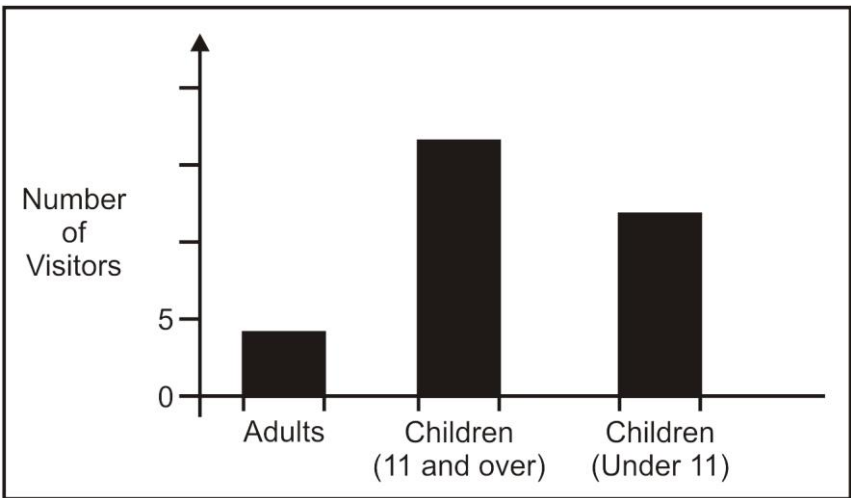
1 mark

On one day the number of visitors was

Adults	4
Children (11 and over)	16
Children (under 11)	12

Here is a graph to show the number of visitors.

Complete the scale for the axis called “Number of Visitors”.



1 mark

How much will it cost for **18 children** (under 11) to visit the castle?

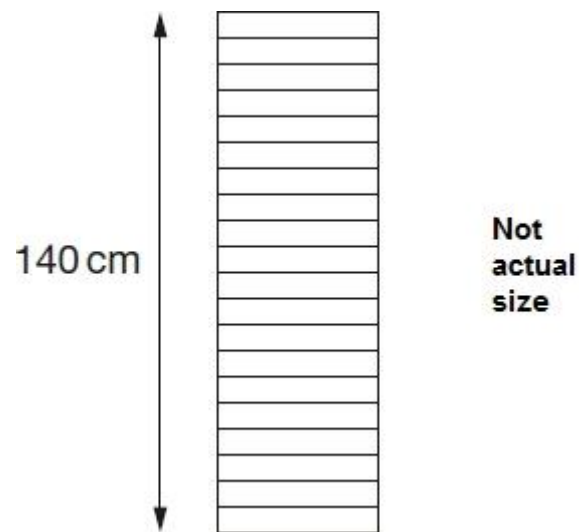
You **must** show your working.

Show your method

1 mark

Q10.

A stack of 20 identical boxes is 140 cm tall.



Stefan takes **three** boxes off the top.

How tall is the stack now?

Show your method

cm

2 marks

Mark schemes

Q1.

The correct time circled as shown:

Leaves London	Arrives Paris
12:01	15:22
12:25	15:56
13:31	16:53
14:01	17:26
14:31	17:53
15:31	18:53
16:01	19:20

Accept alternative unambiguous positive indications, e.g. 14:01 ticked or underlined.

Accept 17:26 circled in addition to 14:01, provided no other time is circled.

Do not accept only the arrival time 17:26 circled.

[1]

Q2.

(a) Answer for tin can joined to the time line in the range 1805 to 1815 exclusive.

1

(b) Answer for computer joined to the time line in the range 1940 to 1950 exclusive.

1

[2]

Q3.

Award **TWO** marks for the correct answer of 101

If the answer is incorrect, award **ONE** mark for:

- sight of 44

OR

- evidence of appropriate method, e.g.

- $31 - 20 = 11$
 $11 \times 4 + 57 =$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2 marks

[2]

Q4.

5

[1]

Q5.

12:02

*Accept 1202 **OR** 12.02 **OR** 00:02 **OR** 0002 **OR** 00.02*

Accept 'two minutes past twelve' or equivalent.

Ignore am or pm.

[1]

Q6.

(a) £7.50

*Accept £7.50p **OR** £7 50*

***Do not** accept £7.5 **OR** £750p **OR** £750*

1

(b) 3:50 pm

Accept '10 to 4' or equivalent.

*Accept 15:50 **OR** 350 **OR** 1550*

1

[2]

Q7.

(a) -7°C

***Do not** accept 7-*

1

(b) 13°C

*If (a) is negative allow follow through in part (b) for **ONE** mark.*

1

[2]

Q8.

Award **TWO** marks for the correct answer of £16,470

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g:

- $\text{£}32.94 \times 1000 = \text{£}32,940$
 $\text{£}32,940 \div 2$

OR

- $£32.94 \times 500$
= $£3294 \times 5$

Answer need not be obtained for the award of **ONE** mark.

Up to 2

[2]

Q9.

- (a) 95p

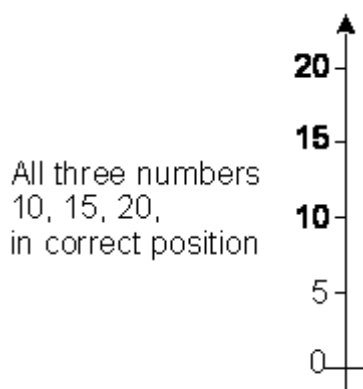
Accept £0.95 **OR** 0.95 **OR** £0.95p

OR 95 **OR** 95 pence

OR answers in words, in the answer box or elsewhere on the page.

1

- (b) All three numbers, 10, 15, 20, in correct position.



Accept any positioning of 10, 15, 20 as long as it is clear that they refer to the marks on the axis in the correct order.

1

- (c) Award **ONE** mark for correct answer of £17.10 with evidence of any appropriate working out of the answer, eg:

- $(18 \times £1) - (18 \times 5p) = £18 - 90p = £17.10$

- $$\begin{array}{r} 18 \\ \times 90 \\ \hline 1620 \end{array}$$

$$\begin{array}{r} 18 \\ \times 5 \\ \hline 90 \end{array} \quad 1620 + 90 = £17.10$$

Accept £17.10p **OR** £17 10 **OR**

£17 10p **OR** 1710p **OR** 17.10

OR answers in words, in the answer box or elsewhere on the page.

The mark can **only** be awarded if there is evidence of a calculation taking place. It cannot be awarded if an expression is set out but no working is shown, eg:

- $(10 \times 95) + (8 \times 95) = £17.10$
- $(20 \times 95) - (2 \times 95) = £17.10$
- $18 \times 95 = £17.10$

1

[3]

Q10.

Award **TWO** marks for the correct answer of 119.

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $140 \div 20 = 7$
 $3 \times 7 = 21$
 $140 - 21$

OR

- $140 \div 20 = 7$
 $20 - 3 = 17$
 17×7

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]