

Pearson Edexcel Level 1 Award in Working with Money, Time, Measure and Scales (QCF)

Sample Assessment Materials (SAMs)

First teaching January 2014

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Introduction

Sample assessment materials (SAMs) provide learners and centres with specimen questions and mark schemes. These are used as the benchmark to develop the external assessment learners will take.

Working with Money, Time, Measure and Scales

The SAM for this unit has been provided for the following qualification:

- Pearson Edexcel Level 1 Award in Working with Money, Time, Measure and Scales (QCF).

Working with Money, Time, Measure and Scales – Sample assessment test and mark scheme

This sample assessment test and mark scheme is for the following qualification:

- Pearson Edexcel Level 1 Award in Working with Money, Time, Measure and Scales (QCF).

Pearson Edexcel

Award in Working with Money, Time, Measure and Scales (QCF) Level 1

Sample Assessment Material
Time: 1 hour

Paper Reference
XXX/XX

Resources: Calculator, Metric ruler

Total marks:
27

Center Name:

Centre Number:

Candidate's Name:

Registration Number:

Instructions

- Candidates may have access to a calculator.
- You **must** show your working to gain full marks.
- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and registration number.
- Answer all questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The total mark for this paper is 27.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*
- Some questions must be answered with one tick in a box (✓).
If you change your mind about an answer, put a line through the box (✗) and then mark your new answer with a tick [✓].

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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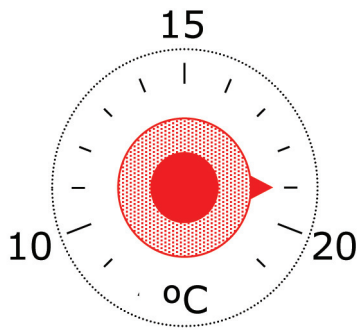


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Question 1

- (a) What is the reading on the oven dial in °C?
Write your answer in the box.

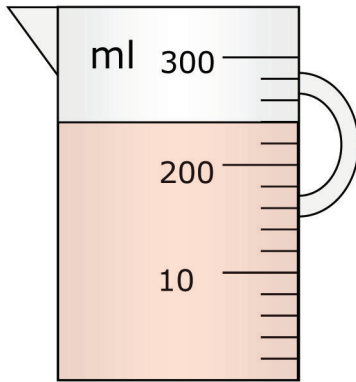
(1)



Answer: °C

- (b) What is the reading on the measuring jug in ml?
Write your answer in the box.

(1)



Answer: ml

(Total for Question 1 = 2 marks)

Question 2

Mr Dunn is a painter and decorator.

He decorates a room for a customer.

Mr Dunn receives an invoice for the materials.

(a) Complete the 'Amount' column on the invoice

(4)

Item	Quantity	Cost per unit	Amount
Wallpaper	6 rolls	£ 24.98 a roll	£*
Paint	4 tins	£ 19.45 a tin	£ *
		Total	£227.68

You must show your working here:

(b) Mr Dunn charges the customer £90 for his labour on top of the costs of the materials. How much does the customer pay in total?

Put a tick (✓) against the correct answer

		✓
A	£337.68	
B	£297.68	
C	£317.68	
D	£236.68	

(1)

(Total for Question 2 = 5 marks)

Question 3

The timetable shows some of the train times from Glasgow to Preston.

Glasgow	0923	0940	1000	1040	1140
Carlisle	1045	1049	1112	1149	1249
Oxenholme	-	1123	-	1223	-
Lancaster	1138	1138	-	1238	1339
Preston	1159	1158	1218	1258	1358

Jimmy gets the 9.23 train from Glasgow.

- (a) (i) What time does it arrive in Lancaster?

(1)

Answer:

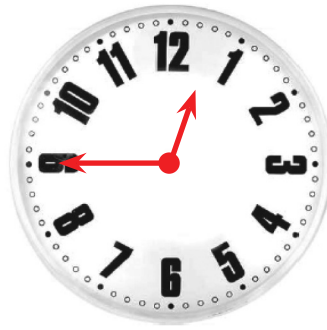
- (ii) How long does it take to get from Glasgow to Preston on the 9.40 train?

(2)

You must show your working here:

Answer:

(b) Claire arrives at Lancaster train station to catch the 1339 train.
She looks at her watch.



How long does she have to wait for the train?

(2)

You must show your working here:

Answer:

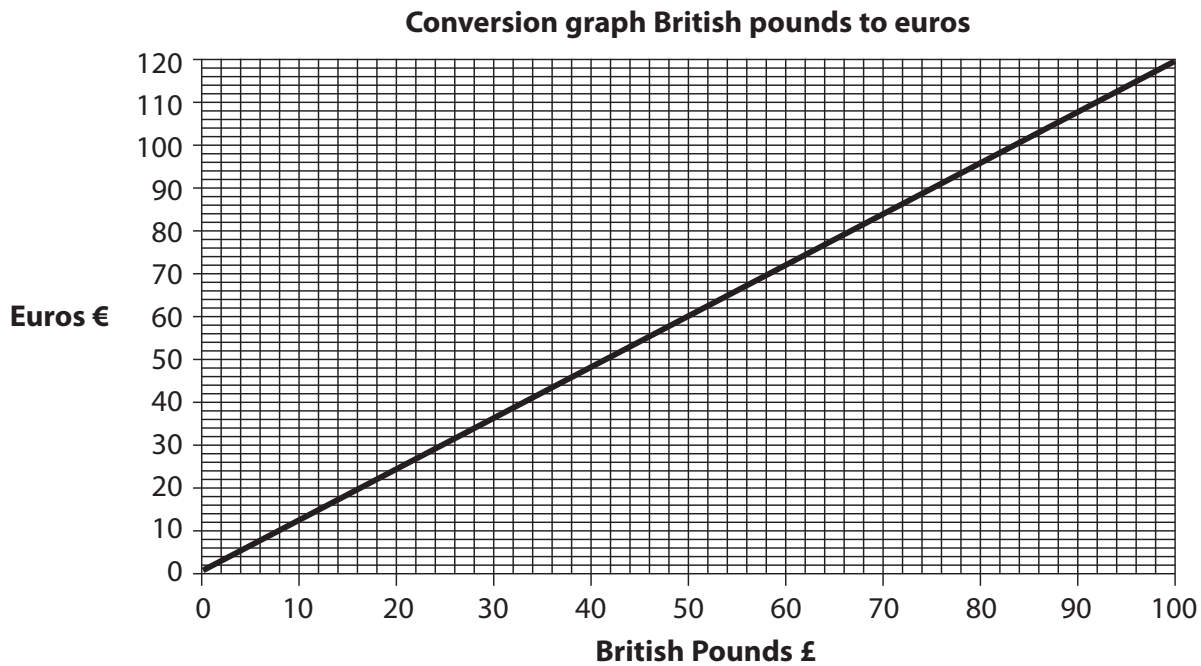
minutes

(Total for Question 3 = 5 marks)

Question 4

Duggie is going on holiday to Spain.
He wants to change some money from British pounds to euros.

Duggie finds this conversion graph.



- (a) Use the graph to convert £80 to euros.
Show how you worked out your answer on the graph.

(2)

Answer: €

Duggie's flight to Spain leaves at 1410
He wants to arrive at the airport 2 hours before his flight leaves.

A taxi to the airport takes 30 minutes.

(b) What time should Duggie take a taxi to the airport?

(3)

You must show your working here:

Answer:

(Total for Question 4 = 5 marks)

Question 5

Bilal is going to take his driving test.
The test lasts for 45 minutes.

Bilal's test starts at 10.45 am

At what time will Bilal finish the test?

(2)

You must show your working here:

Answer:

(Total for Question 5 = 2 marks)

Question 6

(a) Mia buys a large carton of milk containing 1.3 litres.

Convert this to ml.

(1)

Answer:

(b) John buys a small carton of milk containing 0.6 litres. Convert this to ml.

(1)

Answer:

(Total for Question 6 = 2 marks)

Question 7

The mileage chart shows the distances in miles between Edinburgh, London, Birmingham, Liverpool and Manchester.

Edinburgh				
405	London			
292	118	Birmingham		
222	212	99	Liverpool	
216	200	86	35	Manchester

(a) What is the distance between Liverpool and London?

(1)

Answer: **miles**

(b) How much further is it from Edinburgh to Birmingham than from Liverpool to London?

(2)

You must show your working here:

Answer: **miles**

(c) The distance from Manchester to Liverpool is 35 miles.
An approximate conversion between miles and kilometres is:

5 miles = 8 kilometres

Approximately how many kilometres is 35 miles?

(3)

You must show your working here:

Answer: **kilometres**

(Total for Question 7 = 6 marks)

TOTAL FOR PAPER 27 MARKS

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General Marking Guidance

- All candidates must receive the same treatment. Assessors must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Assessors should mark according to the mark scheme.
- All marks on the mark scheme should be used appropriately.
- All marks on the mark scheme are designed to be awarded. Assessors should always award full marks if deserved, i.e. if the answer matches the mark scheme. Assessors should also be prepared to award zero marks if a candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When assessors are in doubt about applying the mark scheme to a candidate's response, the centre's internal verifier must be consulted.
- Crossed-out work should be marked UNLESS the candidate has replaced it with an alternative response.

Question	Reference	Answer	Notes	Total marks
1a	3.3	190(°C)	1 mark correct answer	1
1b	3.3	240 (ml)	1 mark correct answer	1
2a	1.1	wallpaper (€)149.88 paint (€)77.80	1 mark for correct method 1 mark for correct total €149.88 1 mark for correct method 1 mark for correct total €77.80	4
2b	1.1	€317.68	1 mark for correct answer	1
3a(i)	2.2	1138	1 mark for correct interpretation of timetable 1138 seen	1
3a(ii)	2.2	0940 to 1158 = 2 hour 18 mins	1 mark any valid method to work out 1158 – 0940 e.g. counting up from 0940 1 mark correct answer to include correct units in hours and minutes	2
3b	2.1	1245 or quarter to 1 1245 to 1339 = 54	1 mark for reading time correctly 1245 seen (accept quarter to 1) 1 mark for 54 (mins)	2
4a	1.2	line drawn up from €80 or correct point seen on line 96	1 mark for valid evidence seen on graph 1 mark for (€)96 (accept 94 -98)	2
4b	2.3	1410 – 2 hours = 1210 1210 – 30 minutes 1140	1 mark for 1210 seen 1 mark for valid method to take 30 minutes from 1210 1 mark for 1140	3
5	2.3	e.g. 10.45 + 15 + 30 11.30 a.m.	1 mark for valid method to add 45 mins to 10.45 am 1 mark for 11.30 (am) Note – learners must have a.m	2
6(a)	3.1	1300	1 mark for correct conversion	1
6(b)	3.1	600	1 mark for correct conversion	1
7a	3.2	212	1 mark correct answer	1
7b	3.2	292 – 212 = 80	1 mark for correct answer when subtracting 'their' answers to 7a and 7b	2
7c	3.1	35 ÷ 5 (= 7) or 35 × 8 (=280) 7 × 8 or 280 ÷ 5 56	1 mark for dividing 35 by 5 or multiplying 35 by 8 1 mark for dividing 35 by 5 and multiplying by 8 (either order) 1 mark for 56 (km)	3
Total Marks				27

SAM Mark Scheme Coverage of Learning Outcomes

Question number	LO 1	LO2	LO3	Total
1a			1	
1b			1	
2a	4			
2b	1			
3a (i)		1		
3a(ii)		2		
3b		2		
4a	2			
4b		3		
5		2		
6a			1	
6b			1	
7a			1	
7b			2	
7c			3	
Total marks available	7	10	10	27
Pass Mark	5	7	7	19

Candidates must achieve the pass mark for each learning outcome achieved plus minimum total of 19 out of 27 to achieve unit.

Learning Outcome and Unit Achievement Record

Center Name:

Centre Number:

Candidate's Name:

Registration Number:

Assessor Name:

Signature:

Date Test Taken:

Question number	LO 1	LO2	LO3	Total
1a				
1b				
2a				
2b				
3a (i)				
3a(ii)				
3b				
4a				
4b				
5				
6a				
6b				
7a				
7b				
7c				
Total marks required to pass LO	5	7	7	19
Candidate marks total				
Pass Y/N?				

Candidates must achieve the pass mark for each learning outcome achieved plus minimum total of 19 out of 27 to achieve unit.

DECLARATION

I confirm that the assessment was conducted properly and fairly and that the marks awarded are an accurate reflection of the performance of the candidate.

Assessor Signature

If this candidate has had any assistance during this test please state the nature of the assistance and who provided it

If there any special circumstances that may have had a negative effect on the candidate's performance in this test please give details.

If internally verified:

Internal Verifier's Name:

Signature:

Date:

LEARNING OUTCOME	MARKS AVAILABLE	ASSESSOR MARKS	IV MARKS
1	7		
2	10		
3	10		
Pass mark: minimum for each learning outcome met and a minimum total of 19 marks. Delete pass or fail as appropriate.		PASS – FAIL	PASS – FAIL

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