

# Currency & Unit Conversion (H)

A collection of 9-1 Maths GCSE Sample and Specimen questions from AQA, OCR, Pearson-Edexcel and WJEC Eduqas.

Name:	Mel@ Just Mathy
Total Marks:	

- 1. Circle the area that is the same as  $5.5 \text{ m}^2$
- $550 \text{ cm}^2 \qquad 5500 \text{ cm}^2 \qquad [1]$ 2. Asif is going on holiday to Turkey.
  - The exchange rate is  $\pounds 1 = 3.5601$  lira. Asif changes  $\pounds 550$  to lira.
    - (a) Work out how many lira he should get.
  - Give your answer to the nearest lira.

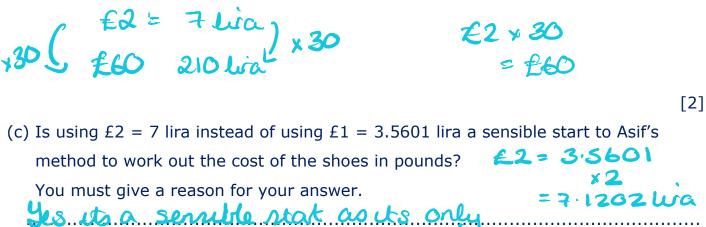
1958 luca lira [2]

Asif sees a pair of shoes in Turkey.

The shoes cost 210 lira.

Asif does not have a calculator.

He uses  $\pounds 2 = 7$  lira to work out the approximate cost of the shoes in pounds. (b) Use  $\pounds 2 = 7$  lira to show that the approximate cost of the shoes is  $\pounds 60$ 



0.12 lie différence letween [1] and the act of price



Three companies sell the same type of furniture.
The price of the furniture from Pooles of London is £1480
The price of the furniture from Jardins of Paris is €1980
The price of the furniture from Outways of New York is \$2250

The exchange rates are  $\pounds 1 = \pounds 1.34$  **Pors**  $\pounds 1 = \$ 1.52$  **N Mork** 

Jadins of Paris sells it at the creapert price 1477.61 < 1480 < 1480.26

Which company sells this furniture at the lowest price?

You must show how you get your answer.

London £1480	Paris E1980	N.401k \$2250	
	- 1.34	÷t.52	
lestion use	= £1477.61 (nearest 1p)	EIL80.26 Crearest 1p)	[3]

4. In this question use

1 pound = 0.4536 kilograms = 453.6 gramo

1 inch = 2.54 centimetres  $3 = 2 \cdot 54 \times 2 \cdot 54$ The pressure of a basketball is 7.5 pounds per square inch. =  $6 \cdot 4 \cdot 5 \cdot 6$ Work out this pressure in grams per square centimetre.

 $7 \cdot 5 pando / nch<sup>2</sup>$  3402g / nch<sup>2</sup> 522 200000 = 6.451[4] 6.4516 cm² 1 cm² anne = 527 g/cm

## **CREDITS AND NOTES**

Question	Awarding Body	Question	Awarding Body
1	AQA	4	AQA
2	Pearson Edexcel		
3	Pearson Edexcel		

#### Notes:

These questions have been retyped from the original sample/specimen assessment materials and whilst every effort has been made to ensure there are no errors, any that do appear are mine and not the exam board s (similarly any errors I have corrected from the originals are also my corrections and not theirs!).

Please also note that the layout in terms of fonts, answer lines and space given to each question does not reflect the actual papers to save space.

These questions have been collated by me as the basis for a GCSE working party set up by the GLOW maths hub - if you want to get involved please get in touch. The objective is to provide support to fellow teachers and to give you a flavour of how different topics "could" be examined. They should not be used to form a decision as to which board to use. There is no guarantee that a topic will or won't appear in the "live" papers from a specific exam board or that examination of a topic will be as shown in these questions.

### <u>Links:</u>

AQA http://www.aga.org.uk/subjects/mathematics/gcse/mathematics-8300

OCR http://ocr.org.uk/gcsemaths

Pearson Edexcel http://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html

WJEC Eduqas http://www.eduqas.co.uk/qualifications/mathematics/gcse/

#### **Contents:**

This version contains questions from:

- AQA Sample Assessment Material, Practice set 1 and Practice set 2
- OCR Sample Assessment Material and Practice set 1

Pearson Edexcel – Sample Assessment Material, Specimen set 1 and Specimen set 2

WJEC Eduqas – Sample Assessment Material



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