Currency & Unit Conversion (H & F)

⬤JustMaths

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

Name:	
Total Marks:	

1. Asif is going on holiday to Turkey.

   The exchange rate is £1 = 3.5601 lira.

   Asif changes £550 to lira.

a) Work out how many lira he should get.

   Give your answer to the nearest lira.

   ....

   .... lira [2]

   Asif sees a pair of shoes in Turkey.

   The shoes cost 210 lira.

   Asif does not have a calculator.

   He uses £2 = 7 lira to work out the approximate cost of the shoes in pounds.

b) Use £2 = 7 lira to show that the approximate cost of the shoes is £60

   [2]

c) Is using £2 = 7 lira instead of using £1 = 3.5601 lira a sensible start to Asif's

   method to work out the cost of the shoes in pounds?

   You must give a reason for your answer.

   [1]

2. 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

£1 = €1.34

£1 = $1.52

Which company sells this furniture at the lowest price?

You must show how you get your answer.

[3]

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CREDITS AND NOTES

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

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.

Links:

AQA http://www.aqa.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