Night out in London

Name _____ Date _____

You are going to look at the cost of a night out in London.

You will get there by train. You will go to a show and you will have a meal.

Part 1 - Train journey

A. Look at your train ticket and read the information on it.

1. What type of ticket is it?

_____

2. What date was the ticket valid for?

_____

3. Where is the ticket from?

_____

4. Where is the ticket to?

_____

5. How much does the ticket cost?

_____

6. You are going with a friend. What is the cost of two tickets? **Show your working out.**

7. You give the train guard *£60 to pay for your tickets. Work out the change you will get.
    Show your working out. Check your answer on a calculator.

Night out in London

Name _____   Date _____

B. Google your local train service.

Google
UK

🎤

1. Find the time of a London train leaving your local station tomorrow at about *5pm (1700).
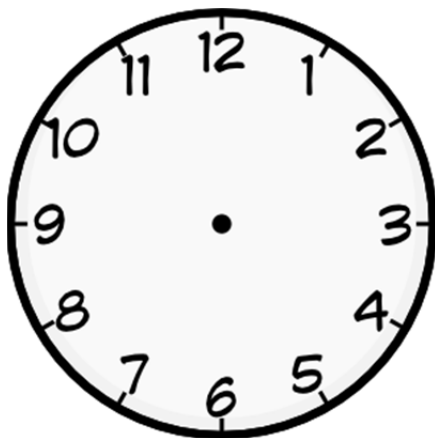
Time _____

2. Find a return journey at about *11pm (2300). What is the cost of the return ticket?
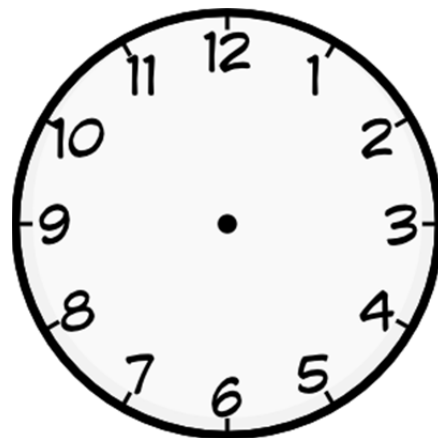
Cost _____

3. Is this more, less, or the same money as the train ticket you had in Part 1- A?

4. Put the train leaving times on the clocks.

Leaves for London   **Leaves London**

Night out in London

Name _____ Date _____

Part 2 – Theatre, film or show

A. Use Google to find an evening show in London.

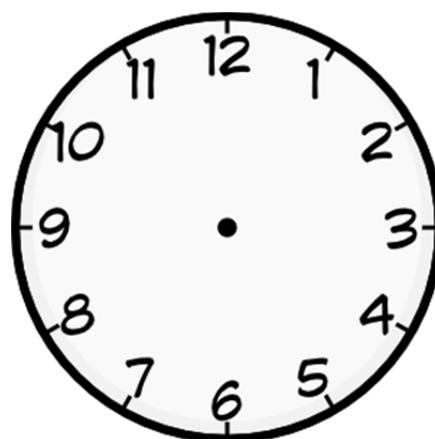1. How much is your theatre ticket?

_____

2. Use addition to work out the cost of two theatre tickets. **Show your working out.**

3. Add up the cost of your two train tickets and two theatre tickets. **Show your working out.**

4. Go to the website of the show. Find out the address of the theatre.

_____

_____

5. What time does your show start?   6. Put this time on the clock.

_____

7. Where is the nearest underground station to the theatre?

_____

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Part 3 – Eating out

So far you have got your train ticket and your theatre ticket.

Now you need to decide what to eat whilst you are out.

1. Look at the *Nando's menu at:

    http://www.nandos.co.uk/sites/default/files/en_Restaurant-Menu.pdf

2. You have *£30 left to spend on a meal for two people. Choose your main courses and

    drinks. Add up the cost below. **Show your working out.**

3. Use a calculator to work out how much change you have left from £30.

    _____

4. Is there anything on the menu that you could choose to spend your change?

    What is it? _____

    How much does it cost? _____

5. How much money have you got left now? **Show your working out**.

Feb 2016. Kindly contributed by Deborah Proudfoot, Carwarden House Community School 16-19 provision. Search for Deborah on skillsworkshop.org
Covers many aspects of E2-E3 Functional Mathematics (number, measure and data).
For related resources and further curriculum links visit the download page for this resource at www.skillsworkshop.org   Page 4 of 7

Night out in London

Name _____ Date _____

Part 4 – Total cost

1. Design a table or list that clearly shows all the costs of your night out for two in London.

_____

2. Talk about your night out with another student. Compare your prices and total costs.
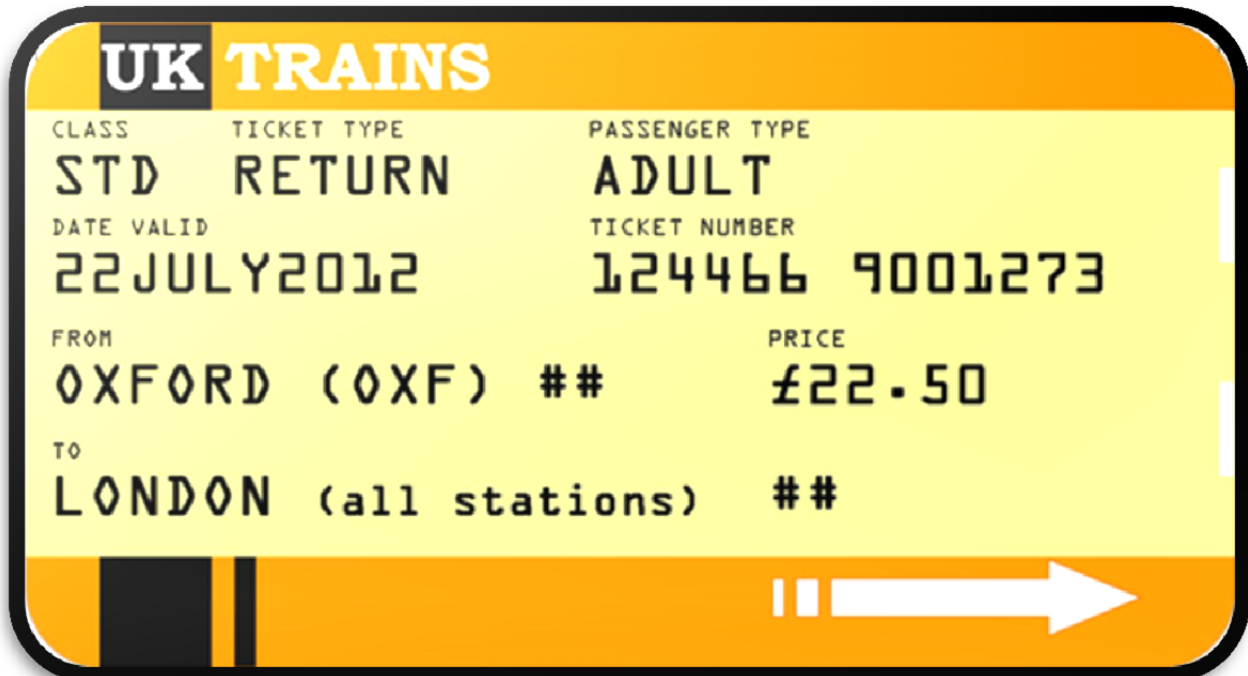
Sport Relief Functional Maths
Curriculum mapping, notes, answers, extras.

Train ticket

It is best to use a train ticket from your local town or city (see teaching notes) but this one is offered as an alternative.

Source: https://learnenglishteens.britishcouncil.org/skills/reading-skills-practice/train-timetable

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skills workshop

FUNCTIONAL MATHEMATICS **Coverage and Range statements (indicative only)**

Coverage and range statements provide an indication of the type of mathematical content candidates are expected to apply in functional contexts. Relevant content can also be drawn from equivalent National Curriculum levels and the Adult Numeracy standards.

✓ *indicates the main coverage and range skills covered in this resource, although these will vary with the student group and how the resource is used by the teacher.*

Entry Level 2

a) understand and use whole numbers with up to two significant figures ✓
b) understand and use addition/subtraction in practical situations ✓
c) use doubling and halving in practical situations ✓
d) recognise and use familiar measures, including time and money ✓

e) recognise sequences of numbers, including odd and even numbers
f) use simple scales and measure to the nearest labelled division
g) know properties of simple 2D and 3D shapes
h) extract information from simple lists ✓

Entry Level 3

a) add and subtract using three-digit numbers
b) solve practical problems involving multiplication and division by 2, 3, 4, 5 and 10
c) round to the nearest 10 or 100
d) understand and use simple fractions
e) understand, estimate, measure and compare length, capacity, weight and temperature
f) understand decimals to two decimal places in practical contexts ✓

g) recognise and describe number patterns
h) complete simple calculations involving money and measures ✓
i) recognise and name simple 2D and 3D shapes and their properties
j) use metric units in everyday situations
k) extract, use and compare information from lists, tables, simple charts and simple graphs ✓

References: Ofqual (2009), *Functional Skills criteria for Mathematics: Entry 1, Entry 2, Entry 3, level 1 and level 2.*
This resource also covers many **adult numeracy** http://www.excellencegateway.org.uk/ elements.

Teaching notes

This resource can be split over three (or more) lessons depending on lesson length, student level, computer facilities, internet access, etc.

* Asterisked items: you may have to adapt these prices / times / places to reflect your circumstances.

For lesson 1

I photocopied a train ticket and gave each student a copy. I have a mix of levels in my class so I changed the price on the train ticket to whole pounds to make the calculations easier. I used South West trains as that is where I am, but you can adapt that to the area you live in.

Lesson 2

I started with a recap of what we had done the week before. This time I had a theatre ticket which I photocopied and adapted the cost depending on the student. Alternatively, learners can use Google to search for a suitable show / theatre.

Lessons 3 & 4

I downloaded a menu from Nando's which students used to select their food. We then recapped before students worked out final costs, etc.

Answers

Page 1
1. Return. Standard class.
2. 22 July 2012
3. Oxford

4. London
5. £22.50
6. £22.50 + £22.50 = £45

Remaining answers will vary with each student.