The Great Maths Tombola

Paul has £390. He spends £150. How much does he have left?

Julie gets £10 from her Aunt. Then she gets £20 from her Grandma and £15 from her brother. How much money does she get for her birthday?

David has 16 sweets. He wants to share them with his three friends. How many sweets will each of them get?

There are 52 cards in a pack of playing cards. How many are there of each suite, if there are 4 suites?

Johnny gets 400 free minutes then he finds a top up card with 150 more minutes. How many minutes has he got now?

Ronald has £140 pension. He spends £50 on cigarettes and another £40 on a night out. How much does he have left?

There are 12 students but only 4 calculators. How many students will have to share each calculator?

Benedict gets £5 from his Nan, his mum, his dad and his auntie. How much pocket money does he get in total?

In an aquarium there are 3 fish to each tank. There are 10 tanks. How many fish are there altogether?

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Bob, Bill, Brian and Beatrice each have 125 friends on Facebook. How many friends do they have in total?

Jimmy has 80 friends on Facebook but he deletes 17 of them. How many friends does he have now?

Chloe has to pay £18 for her mobile phone bill and £7 to her friend. How much money does she have to pay in total?

Chantelle gets £30 EMA per week. How much does she get after 6 weeks?

There are 30 questions on your maths paper. You have 1 ½ hours to complete it. How long do you spend on each question?

Meena wants to have driving lessons. She has saved £100. They cost £14 each. How many can she afford?

Four friends are on a night out. The night bus costs £4.50 each. A taxi costs £12. Which is better value and how much do they save?

Dean had a night out. He spent £2 getting into town, £4.50 on the night bus home, £10 into a club, £16 on drinks and £4.65 on greasy food. He had £40 when we went out. How much has he got left now?

Gemma buys a dress in a sale. It was £16 but now there is 25% off. How much does she pay?

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Joel is meeting his friend in town at 7pm. It takes him 10 minutes to walk to the bus stop, 25 minutes on the bus and another 10 minutes to walk from the bus stop. What time does he need to set out?

Jade watches Emmerdale at 7pm, then Eastenders at 7.30pm. Then she watches Holby City at 8pm until 9pm. Then she spends some time on Bebo. Then she watches Shameless 10-11.05pm and turns over for Family Guy until 11.45. How much TV does she watch in total?

Mohammed has to write 500 words for an assignment. He has written 237 words so far. How much more does he have to write?

Beata is tiling her bathroom. She needs tiles that will fit together without any gaps. Name 3 shapes that she can use.

Farzana has a part time job. She works from 9am-6pm on a Saturday with ½hr for lunch and from 10am-4pm on a Sunday with ½ hour break. How many hours does she work in total?

Raphael has got 2 clients at the salon: the first one wants a wax treatment which will take 15 minutes and the second one wants aromatherapy which lasts 1hr 3/4. How long will it take in total?

Ryan gets £30 EMA per week, but he has to give his Mum £5 per week to pay for his X-box. How much does he have left?

You have won £486. You decide to share it equally between your tutors and support workers because you are grateful for their help. How much does each tutor or ASA get?

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Teaching notes:

A set of cards to cut out and ideally put into a plastic ball or a jazzy box, best printed onto card.

Aimed at E2-E3 Functional Skills learners as an introductory lesson or for revision.

Students need to work out the question and identify the maths skills they are using to answer it.

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 ✓	e) recognise sequences of numbers, including odd and even numbers
b) understand and use addition/subtraction in practical situations ✓	f) use simple scales and measure to the nearest labelled division
c) use doubling and halving in practical situations	g) know properties of simple 2D and 3D shapes ✓
d) recognise and use familiar measures, including time and money ✓	h) extract information from simple lists

Entry Level 3

a) add and subtract using three-digit numbers ✓	g) recognise and describe number patterns
b) solve practical problems involving multiplication and division by 2, 3, 4, 5 and 10 ✓	h) complete simple calculations involving money and measures ✓
c) round to the nearest 10 or 100	i) recognise and name simple 2D and 3D shapes and their properties ✓
d) understand and use simple fractions	j) use metric units in everyday situations
e) understand, estimate, measure and compare length, capacity, weight and temperature	k) extract, use and compare information from lists, tables, simple charts and simple graphs
f) understand decimals to two decimal places in practical contexts	

Level 1

a) Understand and use whole numbers and understand negative nos. in practical contexts	g) Solve problems requiring calculation, with common measures, including money, time, length, weight, capacity and temperature ✓
b) Add, subtract, multiply and divide whole numbers using a range of strategies ✓	h) Convert units of measure in the same system
c) Understand and use equivalences between common fractions, decimals and percentages ✓	i) Work out areas and perimeters in practical situations
d) Add and subtract decimals up to two decimal places	j) Construct geometric diagrams, models and shapes
e) Solve simple problems involving ratio, where one number is a multiple of the other	k) Extract and interpret information from tables, diagrams, charts and graphs
f) Use simple formulae expressed in words for one- or two-step operations	l) Collect and record discrete data and organise and represent information in different ways
	m) Find mean and range
	n) Use data to assess the likelihood of an outcome

References: Ofqual (2009), *Functional Skills criteria for Mathematics: Entry 1, Entry 2, Entry 3, level 1 and level 2.*
http://www.ofqual.gov.uk/files/2009-11-functional-skills-criteria-for-mathematics.pdf
This resource also covers many **adult numeracy curriculum** http://www.excellencegateway.org.uk/sflcurriculum elements.