



Functional Skills Initial Assessment
Maths Level 2

Time allowed: 30 mins

Name:

Setting:

Please ensure you read the questions carefully.

Make sure you show your working out.

	Task 1	Task 2	Total
Maths	/11	/10	/21
			%

Task 1 – Shopping

Emma has gone shopping. She buys some food from the shop. She checks her receipt because she thinks she has been overcharged.

Chicken Breasts 2 @ £3.80 = £7.60

Sandwich - £2.20

Crisps - 45p

Juice - 60p

1) The sandwich, crisps and juice Emma brought were on a £3 meal deal. **How much has she been overcharged for these items?**

/2

2) The chicken breasts were on a 'buy one get one half price' offer. **How much should Emma have been charged for the two chicken breasts?**

/2

3) How much should Emma get as a refund from the cashier **from being overcharged on chicken?**

/2

4) The owner of the shop gives Emma some vouchers to apologise for her being overcharged. The items Emma buys on her next shop are shown below:

Get <u>50%</u> off bread with this voucher	25% off milk
Tea bags <u>20% off</u> with this voucher	<u>10% discount</u> on all cereal when you use this voucher

Bread - £1.20
Milk - 80p
Pasta - £1.30
Tea Bags - £2.40
Cereal - £2.20

How much will Emma save in total if she uses all the vouchers?

/5

Show your working out for each item.

Task 2 – In the Kitchen

Katie has been given an old recipe for a cake she wants to bake.

Her electronic scales and measuring jug only show millimetres and grams, so she needs to convert the amounts shown on the old recipe.

Vanilla Cake (makes 1)

1lb butter	6 eggs
1½lb sugar	2lb flour
½ pint milk	



Conversion Instructions

1 lb is about 450 g

1 pint is about 570 ml

1) Work out the **butter, sugar and flour** Katie needs in grams.

/3

2) How much **milk** does she need in ml?

/1


3) Katie's oven is marked in °C. The temperature on the recipe says, "Set oven to 330 °F". She needs to convert the temperature. She uses the rule below.

/3

To change temperatures from °F to °C, use this rule:
"Take away 32, then multiply by 5. Divide your answer by 9".

What temperature should she set it to in °C?

4) Katie wants to make some fairy cakes for her friends. She wants to make 12 cakes from the recipe should below.

Fairy Cakes (makes 36)		
375g butter	6 eggs	
750g sugar	360ml milk	
600g flour		

/3

Work out the amounts of each ingredient Katie needs for 12 cakes.