Functional Skills Initial Assessment

Maths **Level 1**

Time Allowed: 30 mins

Name: ……………………………….

Setting: …………………………….

Please ensure you read the questions carefully.

Always show your working out!

	Total
Maths	/10
%	

The Coffee Shop

Harlow University has a coffee shop.

1) This is the menu for the coffee shop.

☕ COFFEE
Espresso	£3
Americano	£4
Latte	£4.50
Cappuccino	£4.50
Mocha	£4.50

☕ TEAS
Lemon Tea	£2
Green Tea	£2
Jasmine Tea	£2
Earl Grey	£2
Raspberry Tea	£2.50

🥤 FRESH DRINKS
Hot Chocolate	£4.50
Milkshake	£4
Smoothie	£4
Lemonade	£3
Vanilla Milkshake	£4.50

🍰 DESSERTS
Chocolate Cake	£1.50
Carrot Cake	£1.50
Cheesecake	£1.50
Apple Pie	£1
Chocolate Cookie	50p

A customer comes in and orders 1 Latte,1 Green Tea, and 2 Carrot Cakes.

What is her total amount?

/2

2) The customer pays with a £20 note. **How much change does she get back?**

/2

Students work in the coffee shop as volunteers.

3) Students can eat or drink in the coffee shop for free, but they are asked to leave a donation of £2 each time.

In July, students left two hundred and twenty pounds in donations.

Write two hundred and twenty pounds as a number.

4) The coffee shop has ten volunteer managers.

Six worked last year as volunteer managers as well.

Write this as a fraction.

/1

5) 1200 students who graduated last year from Harlow University.

126 students who graduated volunteered in the coffee shop.

/2

What is the <u>difference</u> between the total number of students who graduated and those who volunteered in the coffee shop?

6) Last year, there were 900 first year students.

25% of the first-year students volunteered in the coffee shop.

How many first-year students volunteered?

7) Jessica is one of the volunteers.
She bakes cupcakes, scones and biscuits for the coffee shop. She needs:

- 670 g of flour for the cupcakes
- 480 g of flour for the scones
- 2 kg of flour for the biscuits.

How much flour does Jessica need in total? Give your answer in kg.

8) These are the weights of the cakes Jessica baked yesterday:

| 1.7kg | 1.1kg | 1.4kg | 1.6kg | 1.2kg |

Put the cakes in order of weight.

Smallest				Biggest

9) Claire is another volunteer. She delivers telephone orders.

She keeps a record of the times taken to make deliveries on Monday.

Delivery 1	20 minutes
Delivery 2	45 minutes
Delivery 3	1 hour 15 minutes
Delivery 4	15 minutes

Claire thinks the deliveries on Monday took her a total of 4 hours.

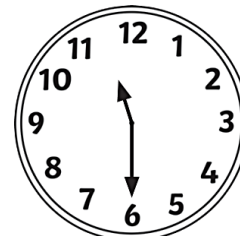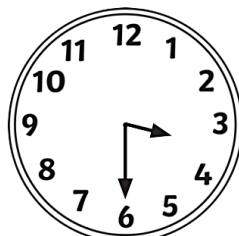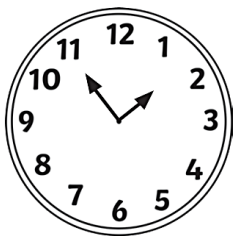**Is she correct?**

Show your answer.

10) Claire leaves for a delivery on Tuesday at 1.20pm.

It will take her 35 minutes to get to her destination.

What time will she arrive?

Tick the clock that shows the correct time.