

# Functional Skills Mathematics

## Entry 3 sample assessment

### Candidate's paper

Cinema Trip

Length of test: 1 hour and 30 minutes

#### You should have

- paper, pen, pencil and eraser
- ruler
- calculator
- information pack.
- calendar of diary pages showing the week following the assessment

Candidate's name:

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City & Guilds enrolment number:

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Date of registration:

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Date assessment started:

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Date assessment completed:

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#### Candidate's declaration:

I confirm that this assessment is my own work

Candidate's signature \_\_\_\_\_ Date \_\_\_\_\_

## Task 1

It is your birthday.  
You plan a trip to the cinema for you and your friends.  
You plan to take between 5 and 12 friends with you.

Choose how many friends you will take.  
You need tickets for you **and** your friends.

1 How many tickets will you need altogether? 1 mark

For every 5 tickets you buy you get the 6<sup>th</sup> ticket free.

2a How many free tickets will you get?  
Show your working. 2 marks

A cinema ticket costs £4.

2b What is the total cost of all the tickets you need?  
Show your working. 3 marks

3 You have £100 to buy all the tickets.  
How much will you have left after buying the tickets? 2 marks

4 Check your calculations. Show one check. 1 mark

**Total marks 9**

## Task 2

You ask your friends which film or films they want to see next week.  
They choose more than one film.

These are the films they chose.

Lorax	War Horse	Lorax	War Horse	Titanic	Lorax	Titanic
Spiderman	War Horse	War Horse	Titanic	War Horse	Spiderman	Happy Feet
Lorax	Titanic	Happy Feet	Spiderman	War Horse	Titanic	Titanic
War Horse	Lorax	Spiderman	Lorax	Titanic	War Horse	Happy Feet

- 1a Complete the tally chart to show the films they chose.  
The first five have been done for you.

4 marks

Film	Tally	Total
<b>Lorax</b>		
<b>War Horse</b>		
<b>Titanic</b>		
<b>Spiderman</b>		
<b>Happy Feet</b>		

- 1b Use the results of the tally chart to choose which film you will go to see. Give a reason for your choice.

2 marks

**Look at the information pack.**

1c You want to watch the film you chose next week **after 4pm**.  
What time does the film start?

2 marks

Look at the calendar.

2 Choose a day to go to the cinema next week.

3 marks

Complete the text message below.

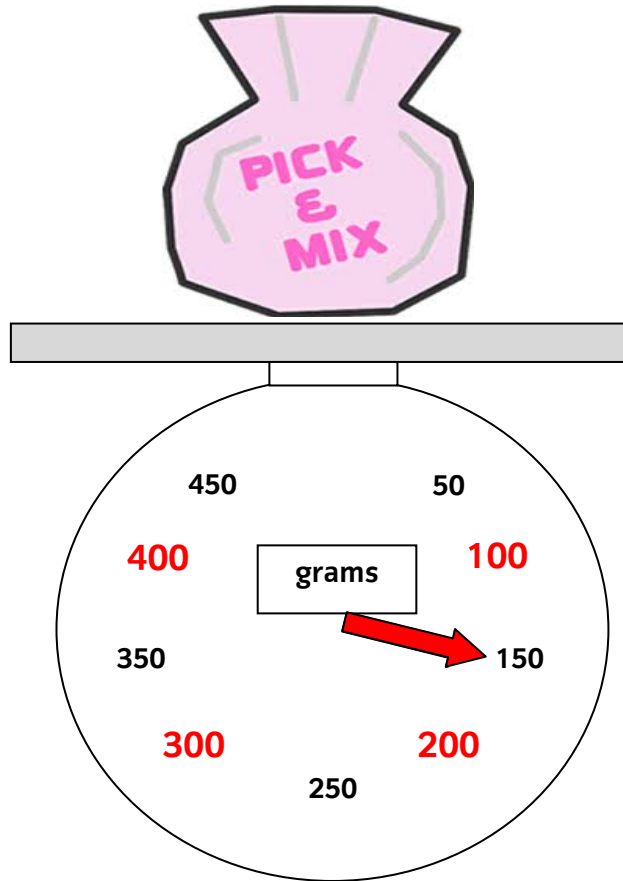


**Total marks 11**

### Task 3

You meet your friends at the cinema.

One of your friends is buying some Pick 'n' Mix sweets.  
The sales assistant weighs the sweets.



Your friend wants to make it up to 400g.

1 How many more grams of sweets does your friend need?

3 marks

You want to buy some snacks.

Snacks menu	
	
Drinks	
Small (250 ml)	£2.50
Medium (330 ml)	£3.20
Large (500 ml)	£4.60
	
Popcorn	
Small	£3.50
Medium	£4.00
Large	£6.00
	
Crisps	
Small bag	£1.00
Large bag	£3.00

You have this voucher for popcorn.

<i>Voucher</i>	
	large popcorn $\frac{1}{2}$ price

2 How much will the large popcorn cost with the voucher?  
Show your working.

3 marks

3a What other snacks and drink will you buy?

1 mark

3b How much will your snacks and drink cost altogether?  
Show your working.

3 marks

**Total marks 10**

**End of Assessment**

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