

Functional Skills Mathematics

Entry 3 sample assessment

Candidate's paper

Video games

Length of test: 1 hour and 30 minutes

You should have

- paper, pens and pencils
- calculator
- information pack.

Candidate's name:

City & Guilds enrolment number:

Date of registration:

Date assessment started:

Date assessment completed:

Candidate's declaration:

I confirm that this assessment is my own work

Candidate's signature _____ Date _____

Task 1

You think about buying a new games machine.
You want to sell some of your old games.

You put the following price list on a website.

Video game machines	Number of games for sale	Price of each game
Gamecube	25	£2
Dream Cast	16	£4
PSX	20	£3

A customer has £30 to spend.
He buys 5 games for his Dream Cast.

- 1a How much money does he have left? 3 marks
Show your working.

He wants to buy some games for Gamecube **and** PSX.

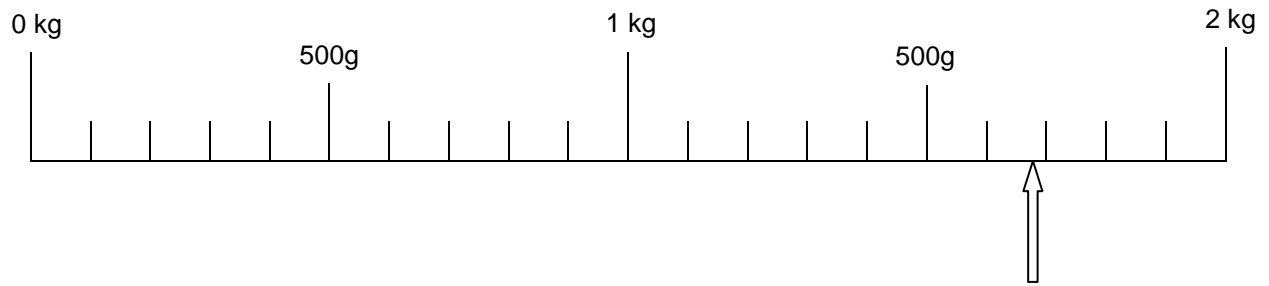
- 1b How many games can he buy with the money he has left? 3 marks

Gamecube _____

PSX _____

Show your working.

You put all the games the customer bought into a box to post.
The weight of the parcel is shown on the scale below.



2a What is the weight shown to the nearest 100g? 2 marks

Look at the information pack.

2b How much will it cost to post your parcel?
Give a reason for your answer. 2 marks

Total marks 10

Task 2

You sell the Dream Cast games you have left for **half** of the price on your price list.

- 1 How much money you will get in total for **these** Dream Cast games? 5 marks
Show your working.

You sell the Gamecube **and** the PSX games you have left for £2 each.

- 2 How much money will you get for **these** Gamecube and PSX games? 4 marks
Show your working.

- 3 What is the total amount of money you will get for selling **all** of your old games? 3 marks
Show your working.

- 4 Check your calculations. 1 mark
Show one check.

Total marks 13

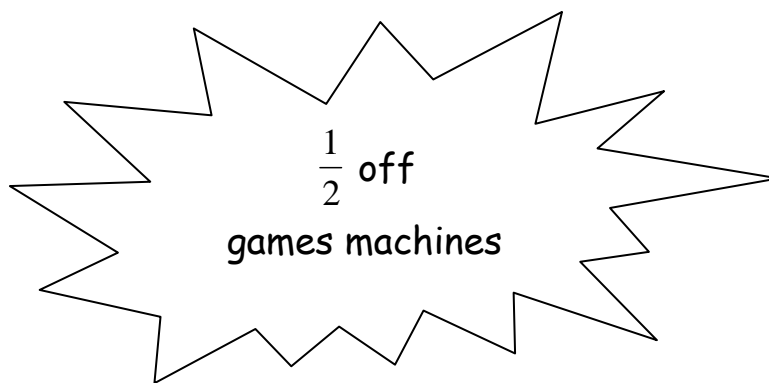
Task 3

You find out about new games machines for sale.

Look at the information pack.

- 1a Use the information in the table to choose one machine. 1 mark
Give one reason for your choice.

- 1b A shop has a special offer.



- What will the machine you chose cost with this offer? 3 marks

- 2 Did you get enough money from selling your old games to buy the games machine you chose? 2 marks
Give a reason for your answer.

- 3 Check your calculations. 1 mark
Show one check.

Total marks 7

End of Assessment

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