

Mathematics Workbook

Valid from January 2013 to August 2013

Functional Skills Qualification in Mathematics at Entry 2

Learner name

Learner signature and date

Work through the whole book.

- Answer every question.
- You can write or draw to show your answers in the workbook.
- You can use a calculator.

Your tutor may read the questions to you.

Ask your tutor if you do not understand any words.

You have up to 1 hour to complete the workbook.

Your tutor may give you objects to help you with the questions.

You will need:

- Pencil
- Ruler
- Rubber

Turn over ►

1 Planning a night out

Kerry wants to go for a night out.

Kerry wants to go bowling or to see a film at the cinema.

These are the prices.

bowling	
bowling ticket	£14
food	£5
drink	£2
bus fare	£3

cinema	
film ticket	£12
food	£6
drink	£3
bus fare	£2

Kerry works out the total cost for a ticket, food, drink and bus fare.

Kerry says

- the total cost to go bowling is less than £25
- it is also less than £25 to go to the cinema.

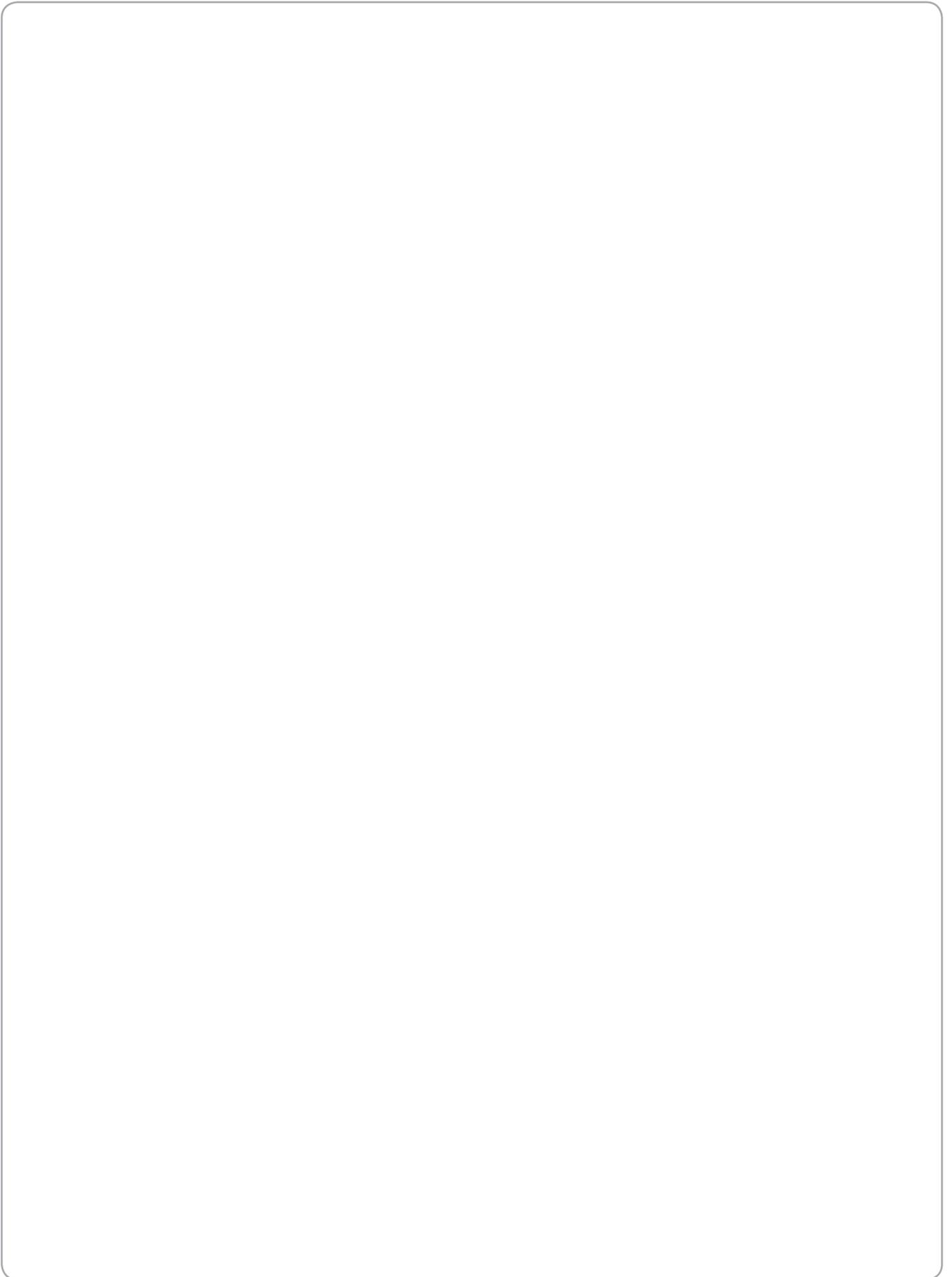
Is Kerry correct?

Show why you think this.

(4)

Write your working and your answer on the next page.

Write your working and your answer in the box below.



2 Going to the cinema

Kerry decides to go to the cinema to see a film.

Kerry gets on the bus at the park.

Here are the bus times.

park	6:45 pm	7:15 pm	7:45 pm	8:15 pm
cinema	7:00 pm	7:30 pm	8:00 pm	8:30 pm

Kerry wants to get a bus which arrives at the cinema before quarter past eight.

What is the latest time Kerry can get the bus at the park?

(1)

Write your answer in the box below.

The film starts at half past eight.
The film is 2 hours long.

Kerry knows that the last bus goes at 10:45 pm.

Can Kerry watch the whole film and catch the last bus?

(3)

Write your working and your answer in the box below.

3 At the cinema

These are the ticket prices for the cinema.

adult ticket	£12
child ticket	£7
senior ticket	£7

Kerry can get a ticket for half the price with a voucher.

What is half the price of an adult ticket?

(2)

Write your working and your answer in the box below.

Check your answer by doubling it.

(1)

Show your working in the box below.

Kerry buys a ticket for the big screen.

Kerry notices that the number of seats in each row follows a pattern.

Row A - 18 seats

Row B - 20 seats

Row C - 22 seats

Row D - 24 seats

Row E

Row F

How many seats are there in row E and row F?

(2)

Complete the pattern above.



Kerry buys some pick and mix sweets.

What units are used to measure the weight of pick and mix sweets?

(1)

Circle the correct unit of measurement in the list below.

ml

m

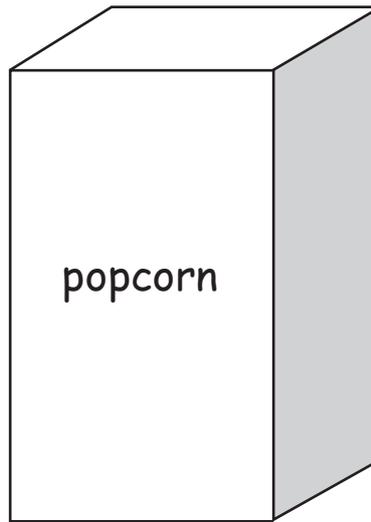
g

cm

kg

km

Jon sells popcorn at the cinema.



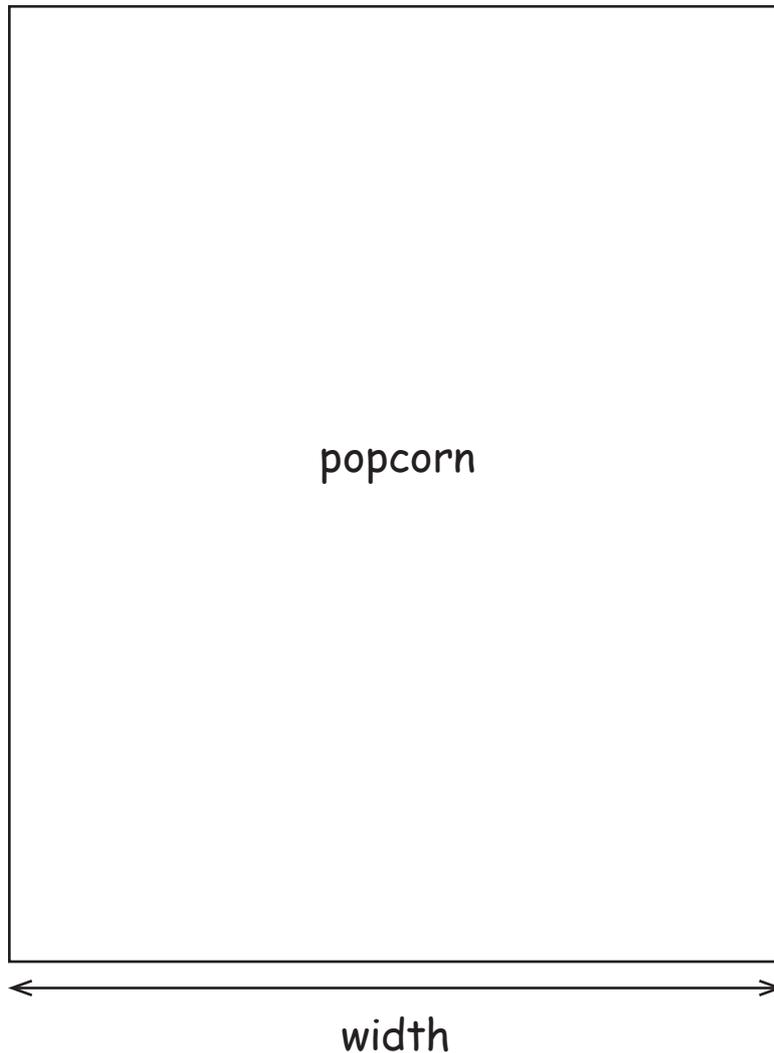
What is the name of the shape of this box of popcorn?

(1)

Write your answer in the box below.

Jon needs to know the width of a box of popcorn.

The diagram shows the front of a box of popcorn.



Use a ruler to measure the width on the diagram.
Give your answer to the nearest centimetre.

(1)

Write your answer in the box below.

Width = _____ to the nearest centimetre

Jon keeps a record of popcorn sales each day for one week.

Sunday	£85
Monday	£48
Tuesday	£32
Wednesday	£57
Thursday	£41
Friday	£66
Saturday	£33

How much more are the sales on Sunday than the sales on Monday?

(2)

Write your working and your answer in the box below.