

Functional Skills Maths | Entry 3 | Going To The Library | Workbook



Useful Vocabulary

This is a list of vocabulary for this handout.

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|------------------|------------------------|
| • Borrow | • Book Club |
| • Maximum | • Return (a book late) |
| • Renew | • Fine |
| • Genre | • Damaged |
| • Horror | • Arrive (too late) |
| • Romance | • Replace |
| • Membership | • Parent and toddler |
| • Photocopy | • Rhyme |
| • Photocopy card | • Volunteer |
| • Biography | • Attend |
| • Science | • Reading Group |
| • History | • Historical |
| • Sport | • Novel |
| • Art | • Stack |
| • Music | • Shelves |
| • Thrillers | |

1. Gosia is in the library.

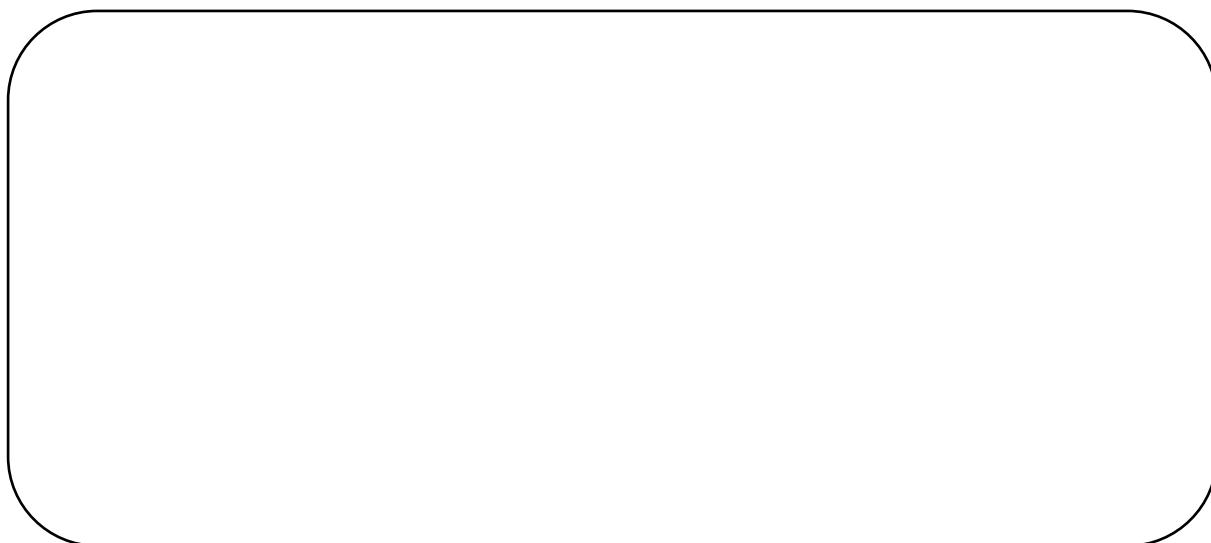
She sees the following poster.

Borrowing Books

Books can be borrowed for 24 days.

Books can be renewed a maximum of 6 times.

Calculate 24×7



2. Tate works in a library.

He has been looking at how often different genres of books are borrowed.

Romance
436

Horror
525

Calculate the difference between the number of people borrowing horror books and those borrowing romance books?

Round 436 to the nearest 100

Use the rounded number to check your answer to first question

3. The library had 75 customers yesterday.

$\frac{1}{5}$ of the customers returned a book.

How many customers returned a book?



4. Fatima is looking at library membership figures for adults and children.

Adults
709

Children
259

Calculate the total of these amounts.



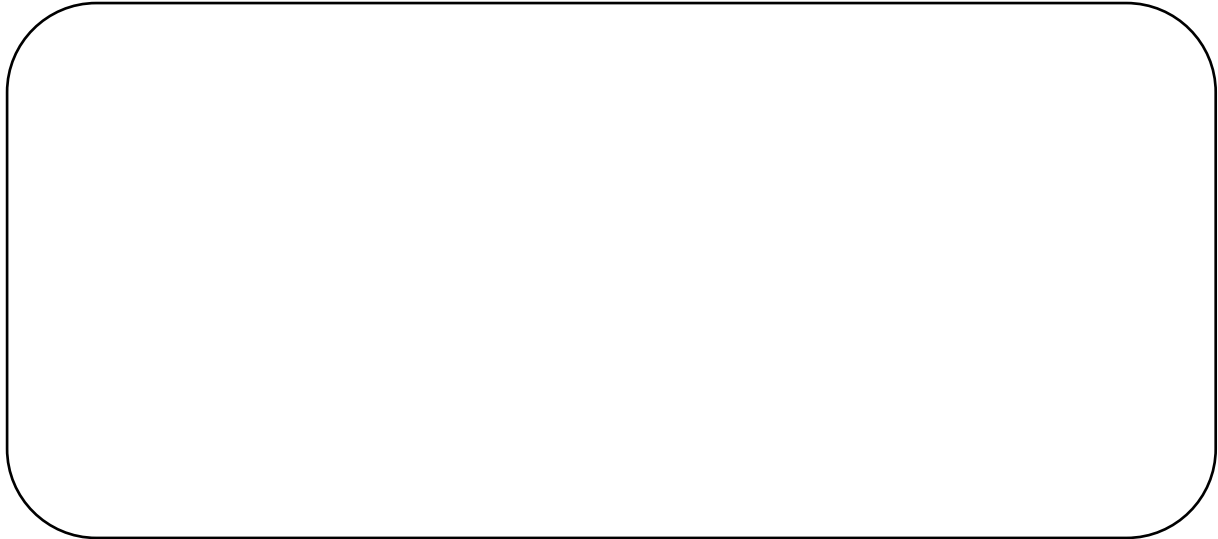
5. Jason goes to the library to do some photocopying.

He knows that a photocopy card will give him 15 pages of photocopies.

He needs to do 88 pages photocopies.

How many full cards does he use?

How many pages of photocopies will he have left to do?



6. Estelle likes to borrow books from the library.

Last year she borrowed 30 books.

Of these books, she returned 6 of them late.

What fraction of the books she borrowed did she return late?

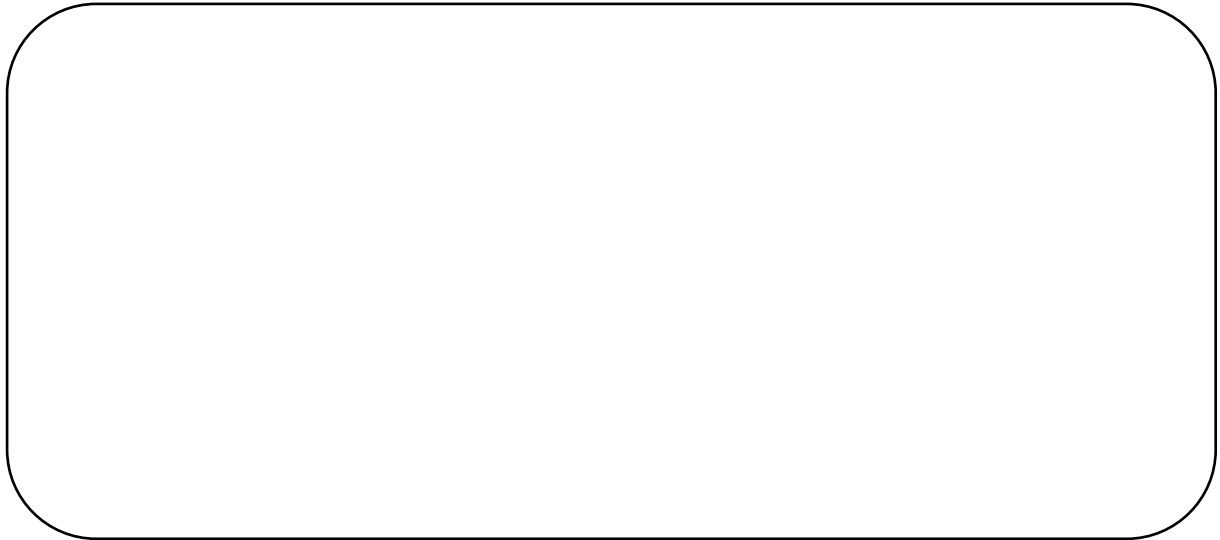


7. Victoria volunteers as a helper for Story Rhymes, a parent and toddler reading group.

The maximum number of people in each session is 24.

Victoria runs 8 sessions in a month.

What is the maximum total number of people that can attend?



8. Becki borrows a book a week from the library.

A quarter of the books she borrows are historical novels.

How many historical novels does she borrow in a year?



9. Tim enjoys reading.

He keeps a record of how many pages he reads.

Week 1 523 pages read

Week 2 469 pages read

How many pages does he read in total?

10. Astrid is stacking shelves in the library.

She has 17 shelves to stack.

Each shelf can hold 18 books.

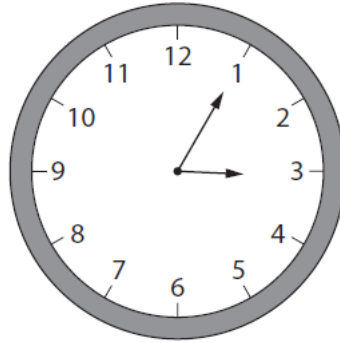
How many books can she put on the shelves in total?

11. Coral is a member of a book club at her local library.

The book club meeting starts at 14:15.

Coral is late.

The clock shows the time in the afternoon when the Coral arrives at the library.

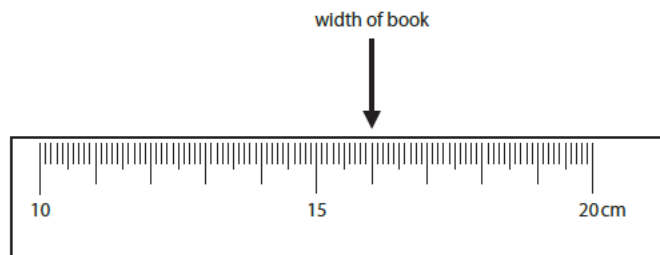


How many minutes late is Coral?

12. Raymondo is putting books on display in the library.

He is interested to know the width of a book.

He uses this ruler to measure the width.



What is the width of the book?

13. Adam is returning a book to the library.

The library closes at 5pm.

Adam arrives at the library 12 minutes too late.

Which clock shows the time when Adam arrives at the library?

Tick (✓) the correct answer.

16:48

()

17:12

()

12:05

()

05:12

()

14. Kim returns a book to the library late.

Each late day results in a 70p fine.

Kim returns the book 7 days late.

How much is Kim's fine?

15. A customer returns three books to the library.

They have been damaged and the customer needs to pay to replace the books.

Each book costs £8.75

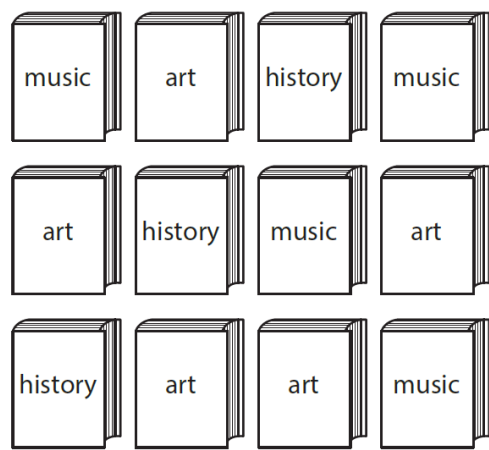
How much does the customer need to pay?

Use correct money format

16. Tariq is stacking books on the shelves.

He needs to create a frequency table of the books he stacks.

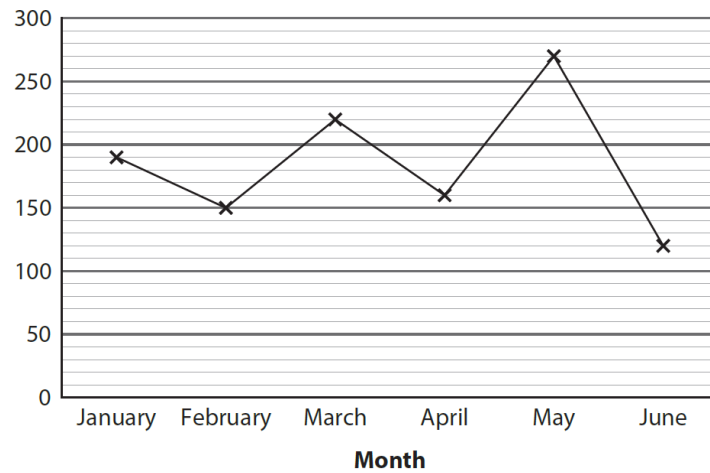
Each book has a label to show the subject.



Complete the frequency table for these books.

Subject	Frequency

17. Mohammed has drawn a graph showing the number of books borrowed in the first six months of the year.



Mohammed thinks that the total number of books borrowed in February and March is greater than 400.

Is Mohammed correct?

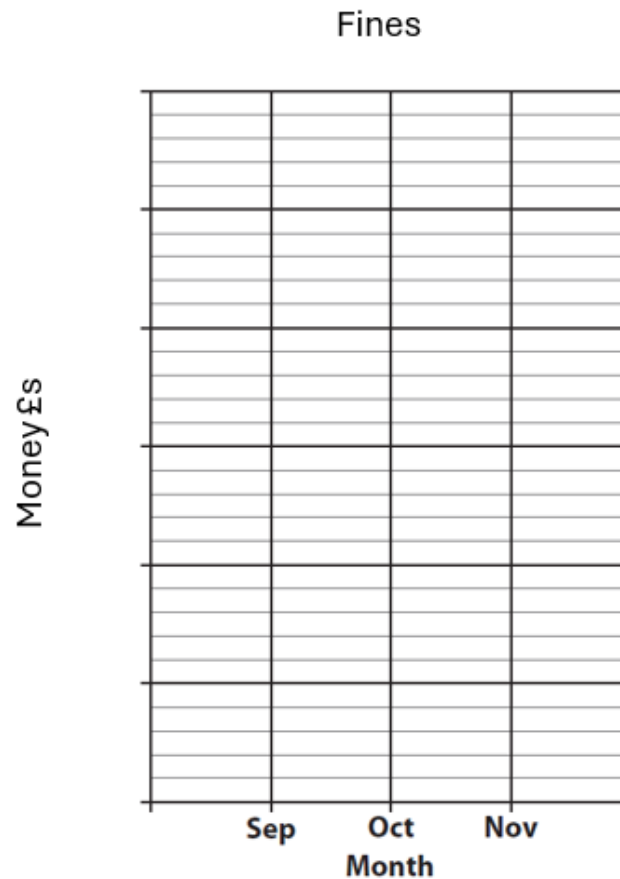
Show why you think this.

18. Sue has data about the amount of money raised in fines over three months.

Month	Fines
September	£25
October	£12
November	£17

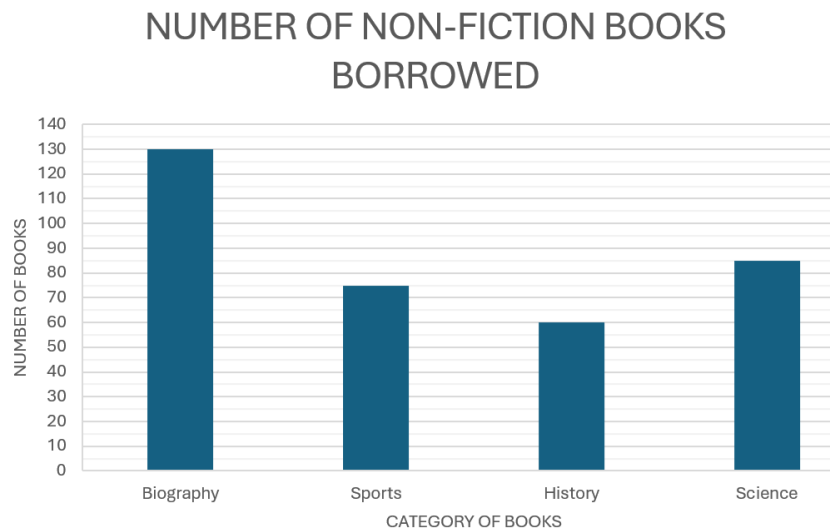
Sue needs to show this information on a line graph.

Complete the line graph and use a correct scale.



19. Laoise is a librarian.

The chart shows how books were borrowed from her library.



Laoise says that more biographies were borrowed than science and history books combined.

Is Laoise correct?

Show why you think this.

Answers

1. 168
2. $89,400,525 - 400 = 125$
3. 15
4. 968
5. 5 cards and 13 photocopies left
6. $\frac{1}{5}$
7. 192
8. 13
9. 992
10. 306
11. 50 minutes
12. 16cm

Tick (✓) the correct answer.

16:48

()

17:12



12:05

()

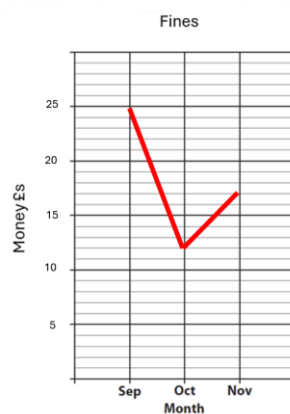
05:12

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- 13.
14. £4.90
15. £26.25

Subject	Frequency
Music	4
Art	5
History	3

16. Do NOT accept tallies
17. No, $150 + 240 = 390$



- 18.
19. No, $85 + 60 = 145$