

Functional Skills Maths | Entry 3 | Volunteering In A Charity Shop | Workbook



Useful Vocabulary

This is a list of vocabulary for this handout.

- | | |
|---------------|-------------------|
| • Volunteer | • Entrance |
| • Donation | • Discounts |
| • Board Games | • Sticker |
| • Books | • Shelf / Shelves |
| • Clothes | • Sci-Fi |
| • Romance | • Novels |
| • Thriller | • Raffle |
| • Horror | • Sales Figures |
| • Raise Money | • DVD |
| • Mystery Bag | • CD |

1. Bernice is sorting donations to the charity shop.

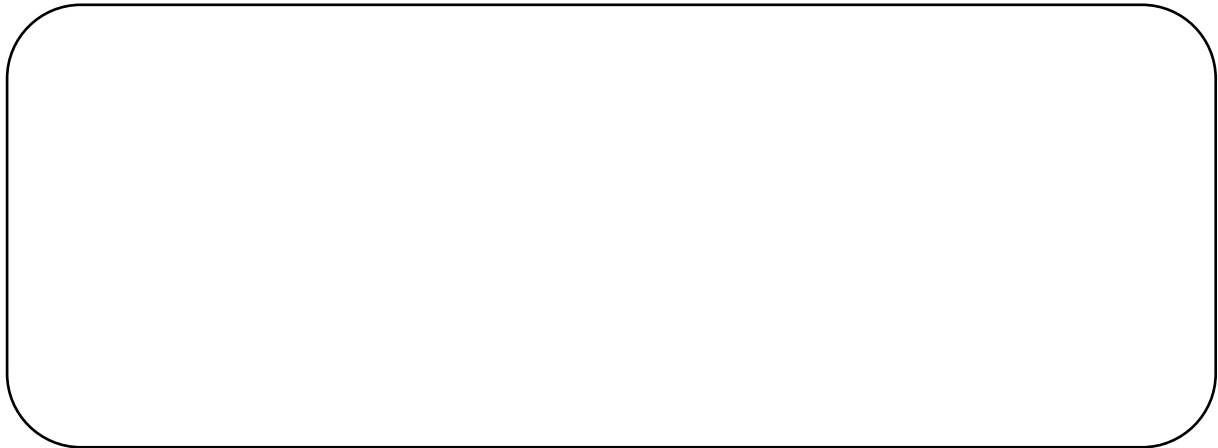
112 books have been donated.

$\frac{1}{4}$ of these books are children's books.

Bernice thinks that 27 books are children's books.

Is she correct?

Show why you think this.



2. Ahmed keeps a list of the number of customers coming into his charity shop.

Here are the number of customers from last week.

Monday	238
Tuesday	134
Wednesday	99
Thursday	140
Friday	117

Put the numbers in order starting with the smallest.



3. The charity shop sell 20 pairs of shoes in a week.

4 out of 20 pairs were for men.

What fraction of the pairs were for men?

Tick (✓) the correct answer.

$$\frac{1}{3}$$

()

$$\frac{1}{5}$$

()

$$\frac{1}{10}$$

()

$$\frac{1}{4}$$

()

4. Pinh is making mystery bags of books in her charity shop.

She has 74 books in total.

Mystery bag contains 6 books.

How many full mystery bags can she make?

How many books will she have left over?

5. Kalinda volunteers in a charity shop.

She compares the sales of DVDs and CDs last year.

DVDs
434

CDs
500

How many more CDs than DVDs did the charity shop sell?

Round 434 to the nearest 10

Use the rounded number to check your answer to question 5

6. Magda looks at the number of sales in the charity shop over this week and last week.

This Week
513

Last Week
328

How many more sales were there this week compared to last week?

Round 328 to the nearest 100

Use the rounded number to check your answer to first question

7. Tomasz is putting up shelves in the charity shop

He wants to know the greatest number of shelves he can put along a wall.

The wall is 450 cm wide.

Each shelf is 60 cm wide.

How many shelves can Tomasz put along the wall?

Show how many cm are left over.

8. The charity shop sold 20 books yesterday.

5 out of 20 books were sci-fi novels.

What fraction of the books were sci-fi novels?

Tick (✓) the correct answer.

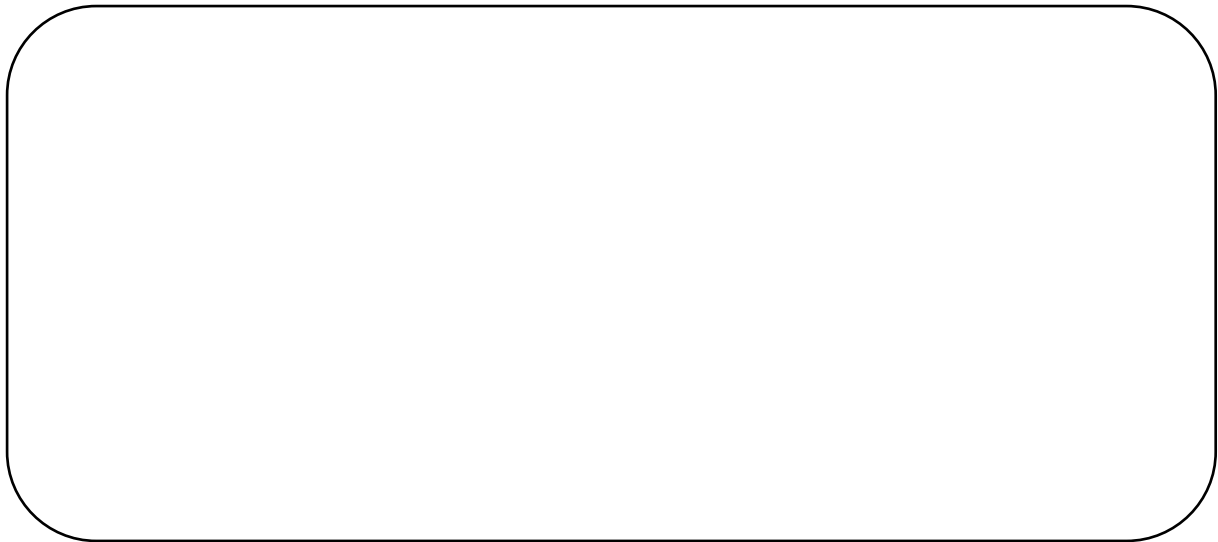
$\frac{1}{3}$	$\frac{1}{5}$	$\frac{1}{10}$	$\frac{1}{4}$
()	()	()	()

9. The charity shop has a raffle to raise more money.

Each ticket costs £6.

They sell 76 tickets in total.

How much money does the raffle raise?



10. Arya is looking at sales figures for men's and women's clothes

Men's
368

Women's
453

Calculate the total of these amounts.



11. Maggie is volunteering in a charity shop.

She needs to close the shop in the afternoon for lunch between 1.00 and 3.00.

What time will the shop close?

Tick (✓) the correct time.

14:15
()

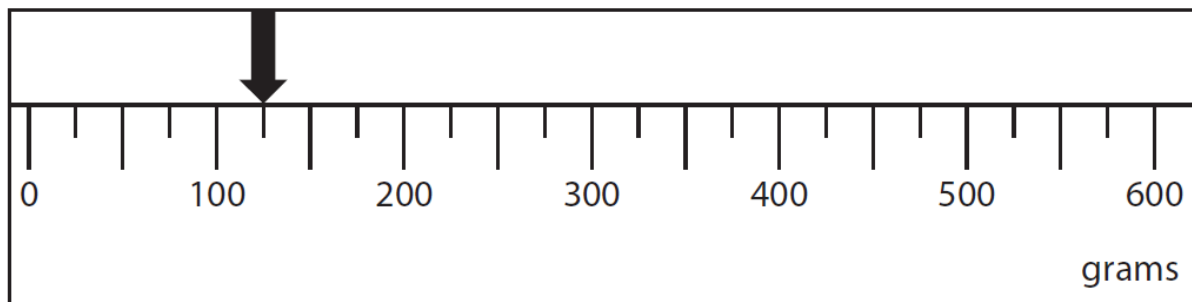
02:45
()

03:45
()

15:15
()

12. Suki volunteers in a charity shop.

She is making bags of small toys to sell.



The bags need to be 0.2kg each.

Suki says she needs 50g more of toys for this bag

Is Suki correct?

Show why you think this.

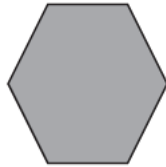
13. Sanjay volunteers in charity shop.

He has stickers that he uses to show discounts.

The stickers have different shapes.

Which shape has exactly 1 line of symmetry?

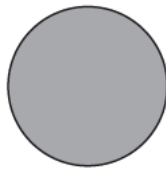
Tick (✓) the correct answer.



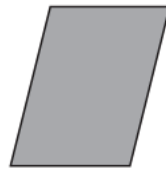
A ()



B ()



C ()



D ()

14. Tariq is serving a customer in the charity shop where he volunteers.

The customer buys a dress for £6.90

They also buy shoes for £9.40

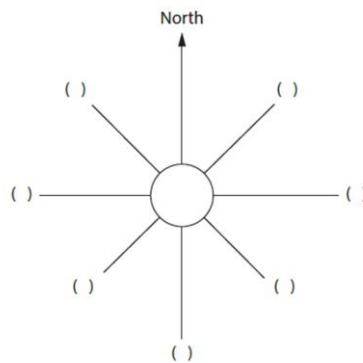
How much does the customer spend in total?

Use correct money format.

15. The entrance to the charity shop faces north west.

Show which direction is north west on the diagram.

Tick (✓) the correct answer.



16. Nina volunteers in a charity shop.

She has kept a list of donations.

Board Games	Books	Books	Clothes
Books	Board Games	Clothes	Books
Clothes	Clothes	Books	Board Games

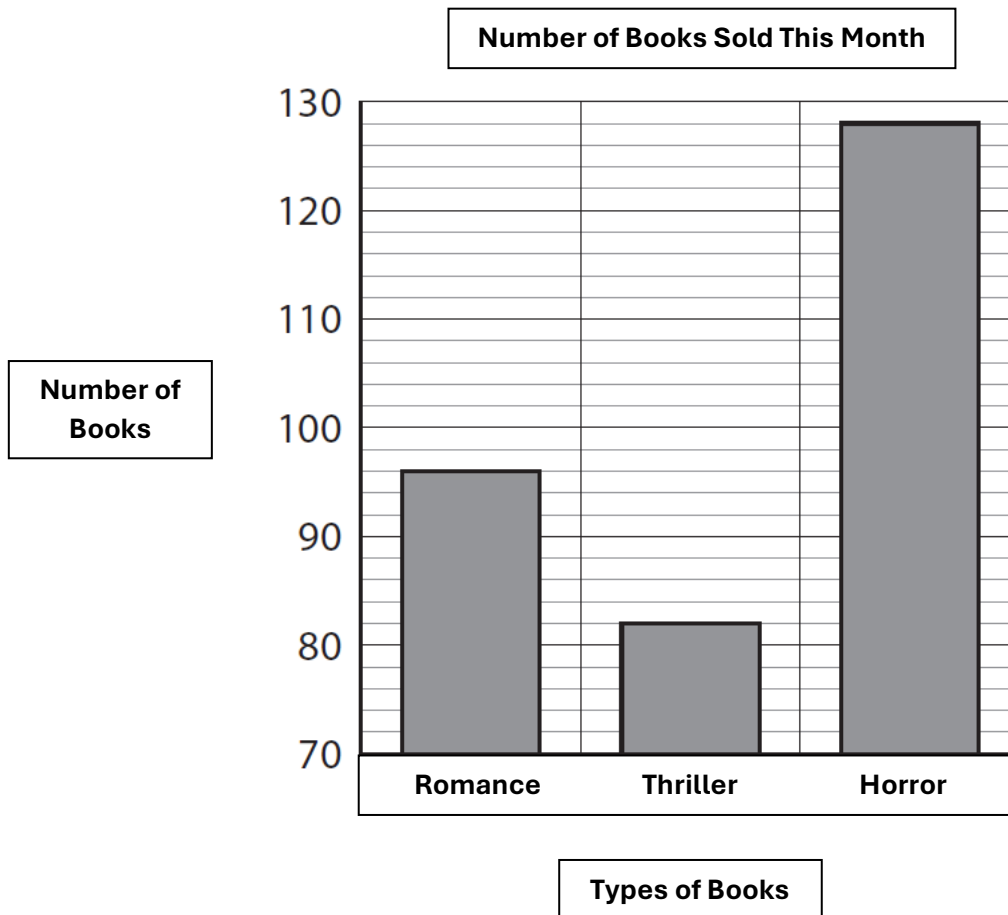
Nina needs to complete a frequency table to show this information.

Complete the frequency table.

Donations	Frequency

17. Derek volunteers in a charity shop.

He has this information graph about the types of second-hand books the shop has sold this month.



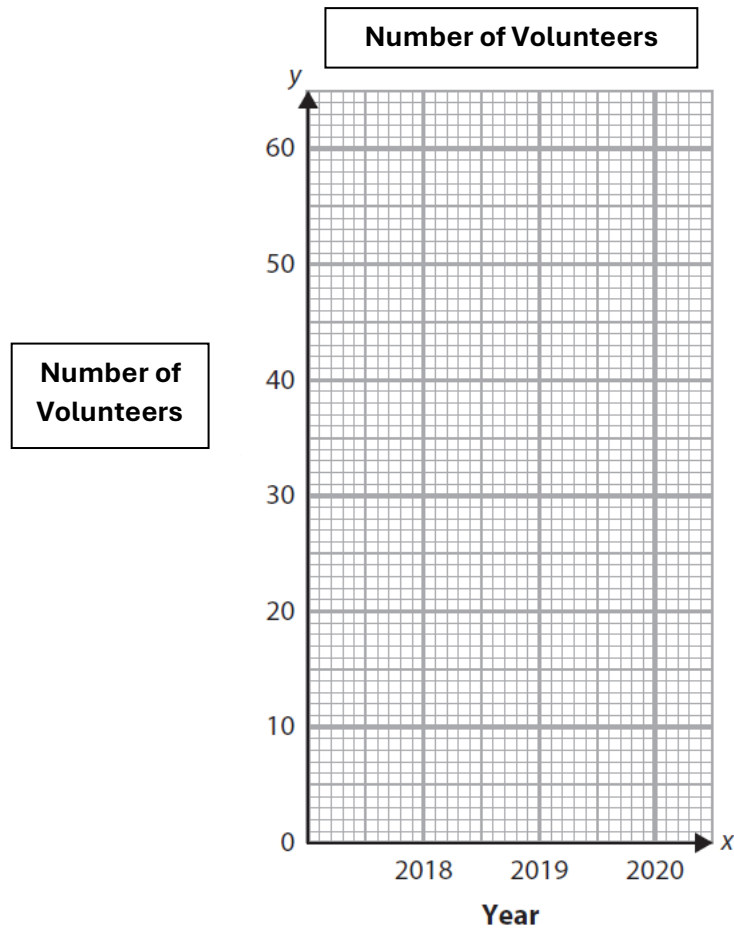
Show the number of each book in the table.

Types of Books		
Romance	Thriller	Horror

18. Marley has this information about the number of volunteers at his group of charity shops.

Year	2018	2019	2020
Number of staff	19	33	41

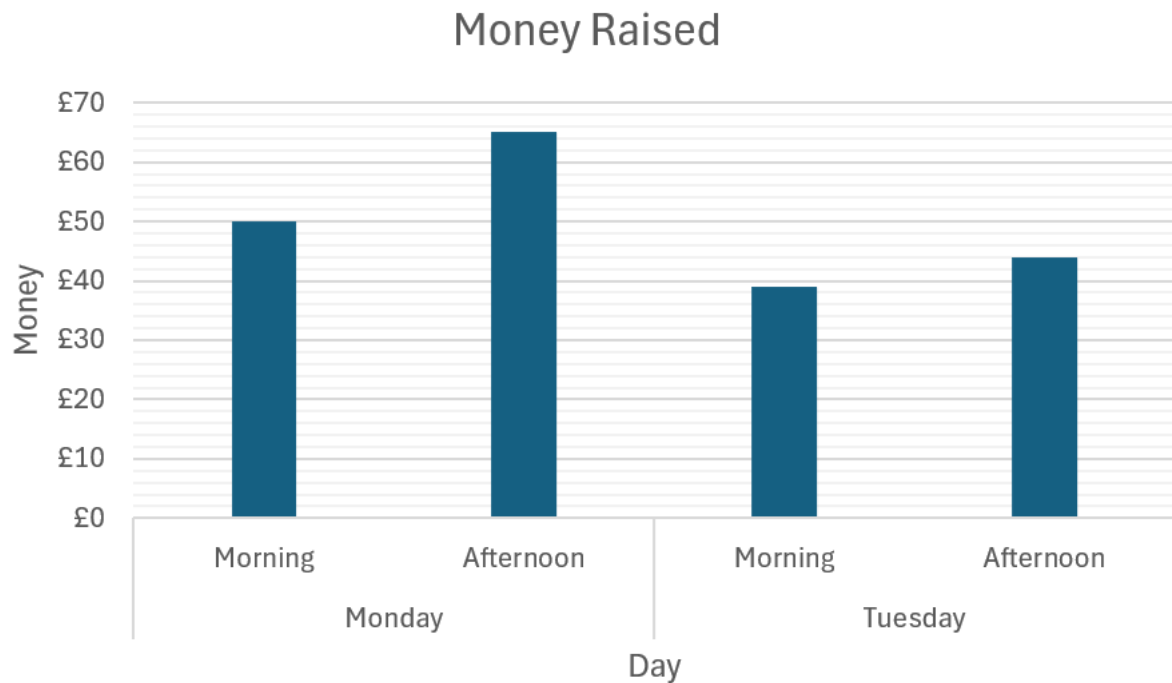
Draw a line graph to show this information.



19. Stella is a volunteer in a charity shop.

She is looking at money raised.

She has this graph.



Stella thinks the shop raised £29 more on Monday afternoon than on Tuesday morning.

Is Stella correct?

Show why you think this.

Answers

1. No, 28 books
2. 99, 117, 134, 140, 238

Tick (✓) the correct answer.

$\frac{1}{3}$	$\frac{1}{5}$	$\frac{1}{10}$	$\frac{1}{4}$
()	(✓)	()	()

- 3.
4. 12 full mystery bags, 2 books left over
5. 66, 430, $500 - 430 = 70$
6. 185, 300, $513 - 300 = 213$
7. 7 shelves, 30cm left over

Tick (✓) the correct answer.

$\frac{1}{3}$	$\frac{1}{5}$	$\frac{1}{10}$	$\frac{1}{4}$
()	()	()	(✓)

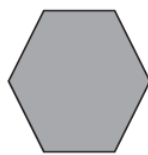
- 8.
9. £456
10. 821

Tick (✓) the correct time.

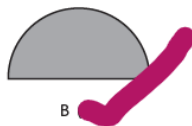
14:15	02:45
(✓)	()
03:45	15:15
()	()

- 11.
12. No, $0.2\text{kg} = 200\text{g}$. $125 + 50 = 175$

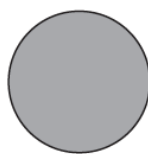
Tick (✓) the correct answer.



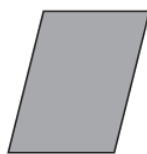
A ()



B (✓)



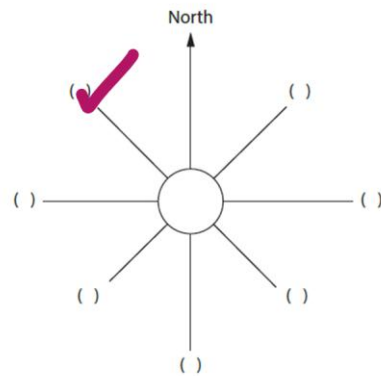
C ()



D ()

- 13.
14. £16.30

Tick (✓) the correct answer.



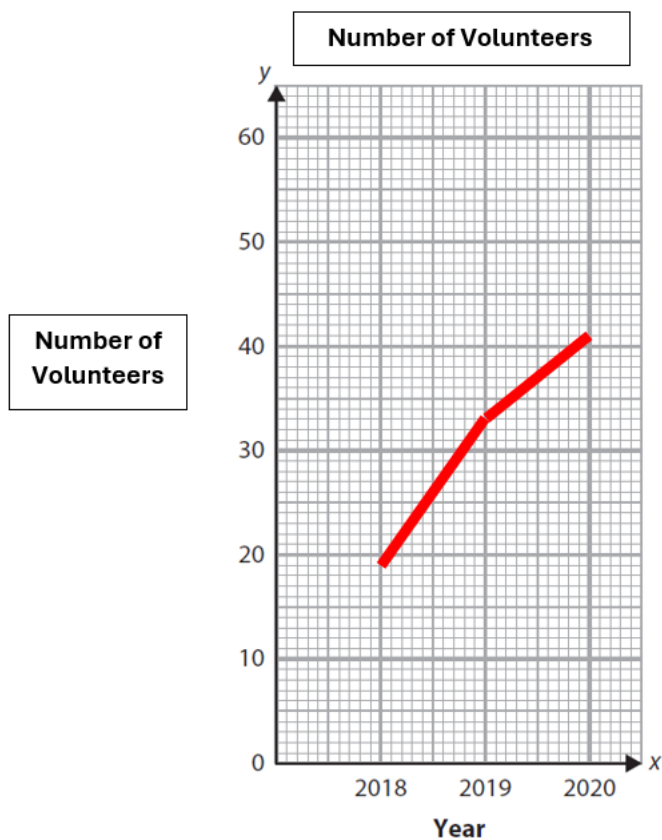
15.

16. Do NOT accept tallies

Donations	Frequency
Board Games	3
Books	5
Clothes	4

Types of Books		
Romance	Thriller	Horror
96	82	128

17.



18.

19. No, $65 - 39 = £27$