National Museums Northern Ireland

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Figures in the Folk Museum

Post Visit Pack

The questions inside this pack relate to your recent visit to the Ulster Folk and Transport Museum. You met various characters in some of the exhibit buildings, the Northern Banking Company, the Rectory and the Post Office and answered questions in the 'Figures in the Folk Museum' booklet.

You will need to refer to your booklet in order to answer some of the questions enclosed in this Post visit pack.

$$
\begin{array}{r}
365 \\
+\ 250 \\
\hline
615
\end{array}
$$

Name: _____

Date: _____

Follow-up questions for the Northern Banking Company at the Museum.

At the Ulster Folk & Transport Museum you met Mr. James, the Bank Manager. Below are further questions that you may now complete. Don't forget, you will need your original question and answer booklet.

Staff Salaries Section

As well as the Bank Manager, the Portglenone branch employed a cashier, a ledger clerk and 2 juniors when it first opened.

1. Using the information gathered at the Museum calculate the Total Annual Amount paid to all of the Bank's Staff.

Show your working:

Annual salary paid to Portglenone Branch Staff: _____

Mortgage Section

2. What is the Total Repayment to the Bank if Mr Patterson is able to repay his Loan completely after 3 years? (Repayment is by Simple Interest, repaid fully at the end of 3 years with no changes during the loan).

Total Repayment: _____

Opening Hours Section

The Bank's opening hours are from 10:00am to 3.30pm, midweek only. It closes for lunch at 12:30pm and re-opens at 1:30pm.

3. How long will the bank stay open to the public until lunch? _____

4. How many hours is the bank opened to the public every day? _____

5. How many hours is the bank opened to the public each week? _____

A Junior works from 9:00am until 5:45pm each day with a lunch break of 30 minutes.

6. How many hours will he work each day? _____

7. How many hours will he work each week? _____

8. How much longer will he work weekly after the Bank is closed to customers? _____

Probability scale

Using the information and your knowledge think about the customers this Bank may have had in 1924.

9. Read the statements below and using the Probability scale put a letter in the box after each statement to show how likely each one is.

Impossible	Unlikely	Even Chance	Likely	Certain
A	B	C	D	E

Most of the customers use a Bank Card to withdraw money. ☐

Mr. James's age is an even number. ☐

The Bank will have some £1 notes in its safe. ☐

The Bank will be open on the last Sunday in June 1920. ☐

If the Clerk is asked to change a shilling into pennies, he will give 12d to the customer for the shilling. ☐
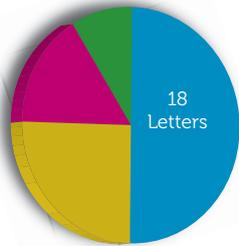
Most of the Bank's customers are women. ☐

Follow up questions for the Post Office at the Museum

At the Ulster Folk & Transport Museum you met the Post Master. Below are further questions that you may complete relating to your visit. You will need your original question and answer booklet to help you.

Number of Letters

- Tea Lane
- Mill Street
- Chapel Lane
- Meeting Street

1. The Sector Angle for Meeting Street letters is 30˚. How many letters were delivered to houses in Meeting Street?

_____

2. What is the Sector Angle for the sector showing deliveries to addresses in Chapel Lane?

_____

3. Using the answers you recorded in this table during your visit, complete the missing boxes and answer the questions.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
23		22	25		17

4. On Friday, 20 letters were delivered and the rest of the post was parcels. How many parcels were delivered on Friday?

_____

5. Write the ratio of the number of letters to the number of parcels delivered on Friday.

_____ : _____

6. Write this ratio in its lowest form

_____ : _____

7. Find the MEAN number of deliveries made in the week shown in Tea Lane.

MEAN _____

8. Find the MEDIAN number of letters delivered for the week in Tea Lane? Show your working.

MEDIAN _____

9. Can you find the MODE number of letters delivered?

MODE _____

10. What problem did you find with question 8? _____

_____

_____

11. On which day was the number of items a CUBE number? _____

12. On which day was the number of items a SQUARE number? _____

13. On which days were the number of items multiples of 3? _____

Follow up questions for the Rectory at the Museum

At the Ulster Folk & Transport Museum you met Ms. McCullough at the Rectory. Below are further questions that you may complete in the classroom relating to your visit. You will need your original question and answer booklet to help you answer them.

You saw this artefact at the edge of the kitchen table in the Rectory. It is an orange slicer used in the production of marmalade.
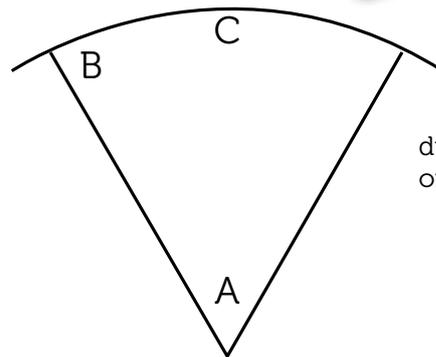
diagram of orange slicer

The back of the orange slicer is shaped a sector of a circle as shown in the diagram
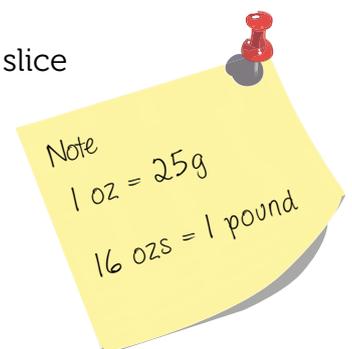**1.** Name the parts labelled B and C in the diagram above.

B _____   C _____

2. If the slicer can slice 2 oranges in 5 minutes, how long will it take to slice 50 oranges? Give your answer in hours and minutes.

_____ hrs _____ minutes.

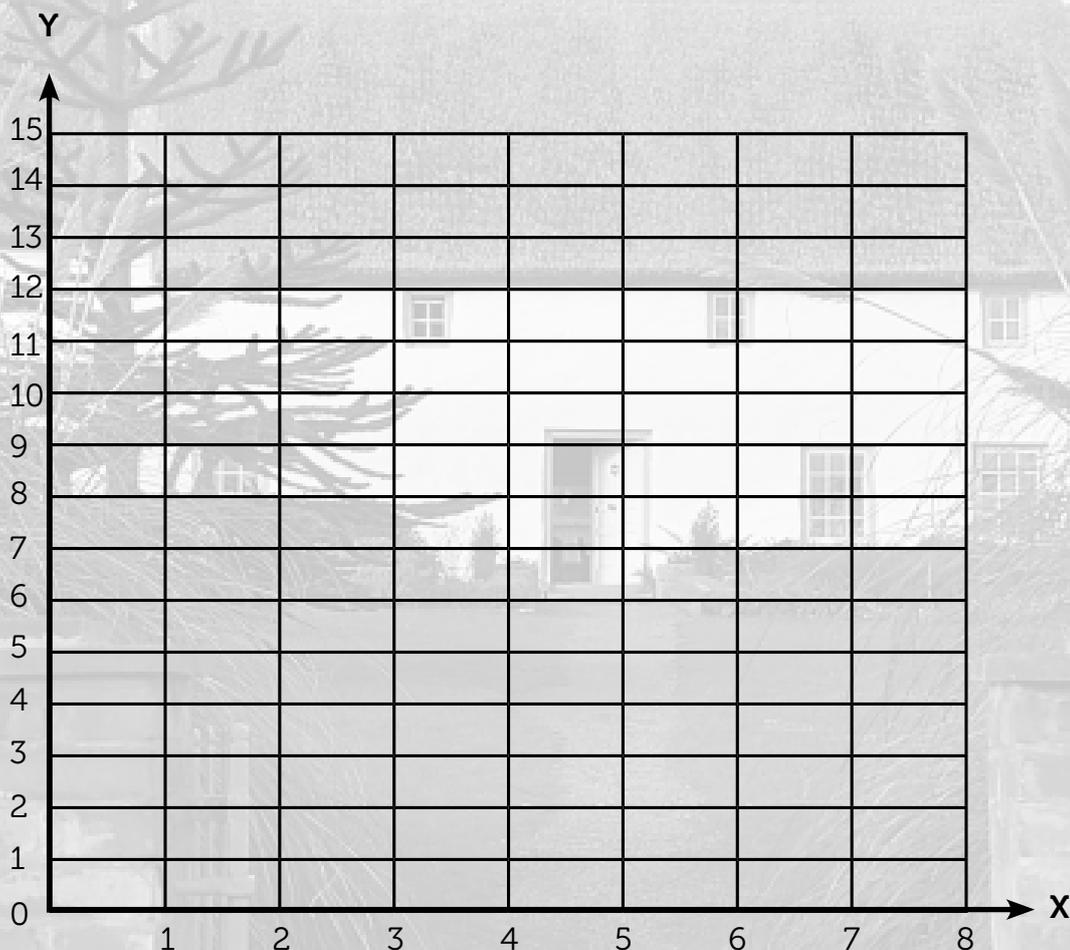**3.** Which weighs more - 1 lb of flour or 0.5 kg of flour?

_____ of flour weighs more by _____

Note
1 oz = 25g
16 ozs = 1 pound

The grid below represents the Rectory garden, as seen from the front door of the house.

Front of the Rectory

Scale: 1 unit on the graph = 2m in the garden

4. Show the Weeping Willow tree using W on the grid at (6. 3).

5. Use the letter F to mark the position of the flower pot at (5, 12).

6. There is a garden seat at (1, 11) Mark the garden seat on the grid using the letter S.

7. The other garden seat is placed so that it is a reflection of S about the line   x = 4.
Mark the second garden seat using the letter T.

8. Use the scale shown on the grid to work out the actual size of the garden.

The garden is _____ metres in in length and _____ metres wide.

Calculate the area of the garden. _____ m^2.