



Ministry of Education and Youth

Primary Exit Profile (PEP 5)

June 2024

Performance Task - Mathematics

Time: 1 hour 30 minutes

Write your name and the name of your school below:

Name of Student

Name of School

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MOEY/EAASB/G5PT/Mathematics/24

1

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GENERAL INSTRUCTIONS:

This task has three parts: Part 1, Part 2 and Part 3.

Part 1 has Questions 1 and 2.

Part 2 has Question 3.

Part 3 has Question 4.

Read the information in each part carefully. Use the information provided to answer ALL questions in each part.

INTRODUCTION TO TASK

Saving for a Cellphone

Two students, Justin and Felicia, are each saving towards buying a new cellphone. They each plan to spend **\$18,000** on the cellphone they will buy.



Justin and Felicia need your help to determine:

1. the total amount they have saved
2. the most suitable phone plan
3. if they will have enough money saved

Part 1 – Total Savings

Justin and Felicia have been saving for the past month of January to purchase a cellphone. They are given lunch money for only school days (Monday to Friday). Felicia and Justin refer to this as a **school week**.

Read the conversation they had about their savings, in the box below.

The conversation box contains three illustrations of Justin and Felicia with their respective thoughts in thought bubbles:

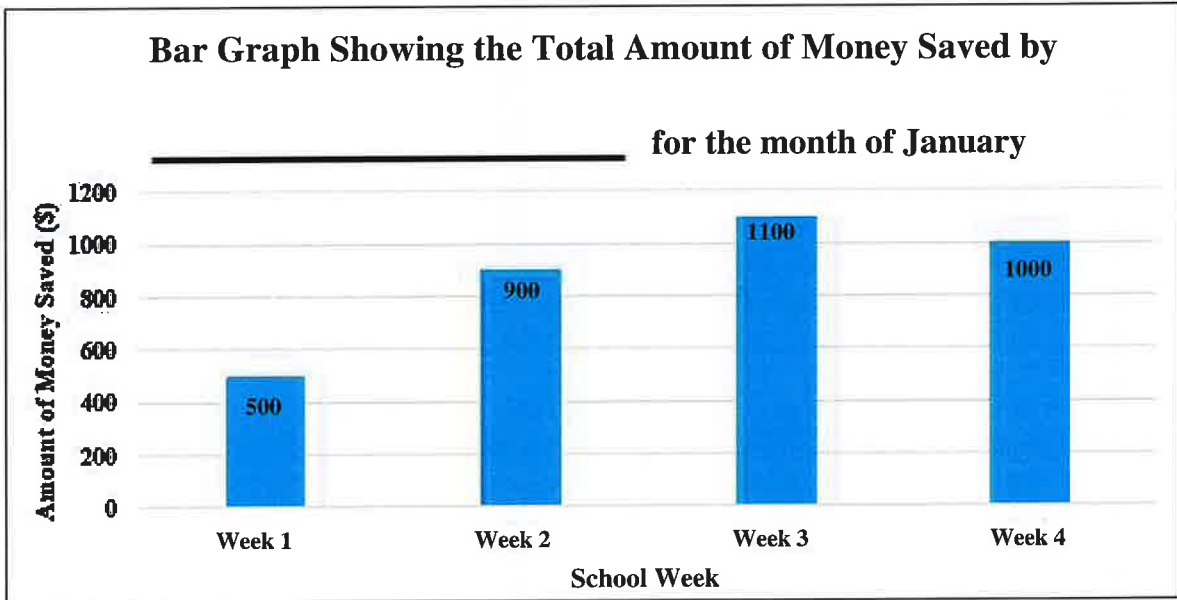
- Justin and Felicia:** Justin is on the left, Felicia is on the right. Felicia's thought bubble says: "We both saved the **SAME** amount of money in week 3."
- Justin:** Justin is shown alone. His thought bubble says: "I saved the **LEAST** amount of money in week 4."
- Felicia:** Felicia is shown alone. Her thought bubble says: "Well, I saved the **LEAST** amount of money in week 1."

Question 1

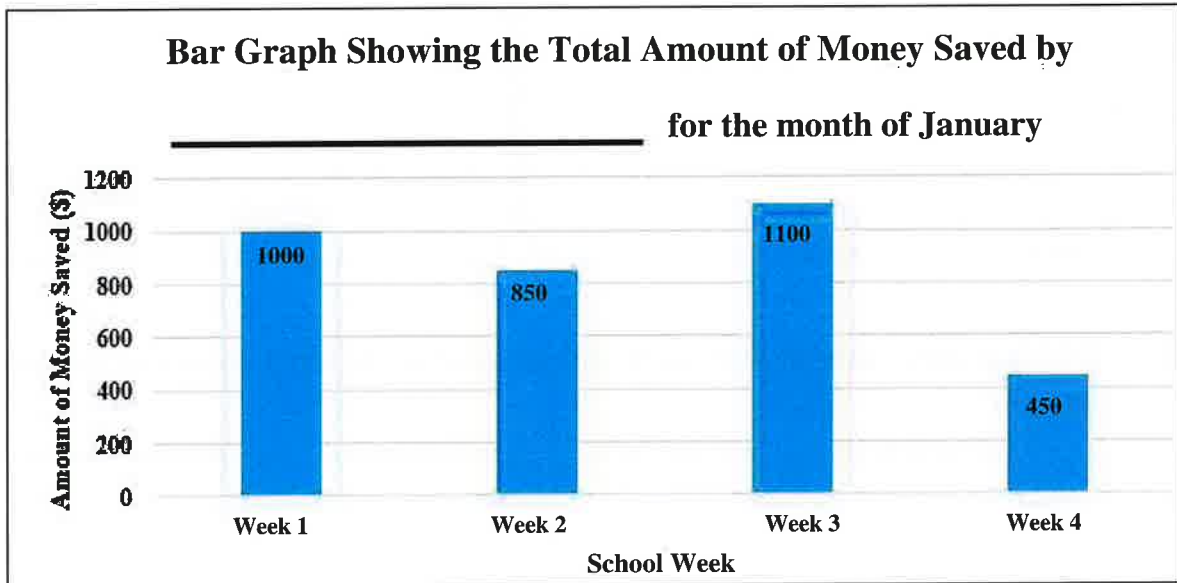
Examine the two bar graphs given below. Each bar graph shows the total amount of money saved by either **Justin** or **Felicia** for the month of January (four school weeks). A school week is from Monday to Friday.

For **Questions 1A and 1B** below, complete the title of the bar graphs. Write **Justin** OR **Felicia**, on the line provided in each graph, to indicate which student's savings is represented by the information shown.

1A.



1B.



Question 2

- 2A. How much money will each student have saved at the end of January (four school weeks)?

Show your work in the spaces provided below.

Justin

Felicia

- 2B. Which student, **Justin** or **Felicia**, would have saved more money at the end of January?

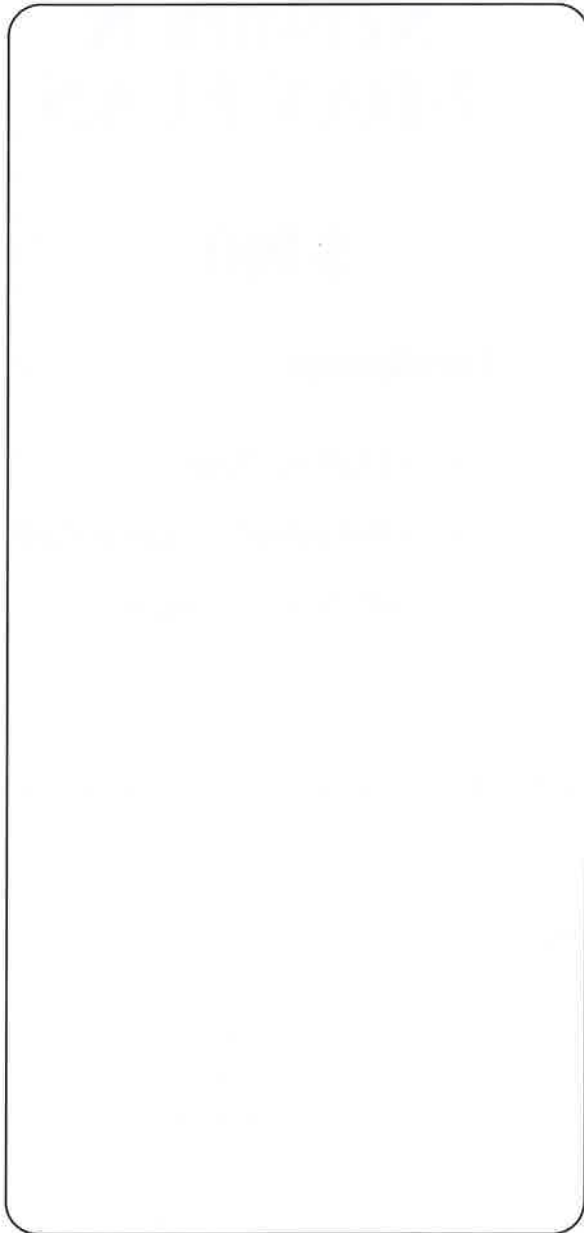
Justin and Felicia each wants to purchase their new cellphone at the end of June, after saving for 6 months. They each plan to save the same amount of money **monthly**.

2C. How much money will each student save towards purchasing their cellphone at the end of June?

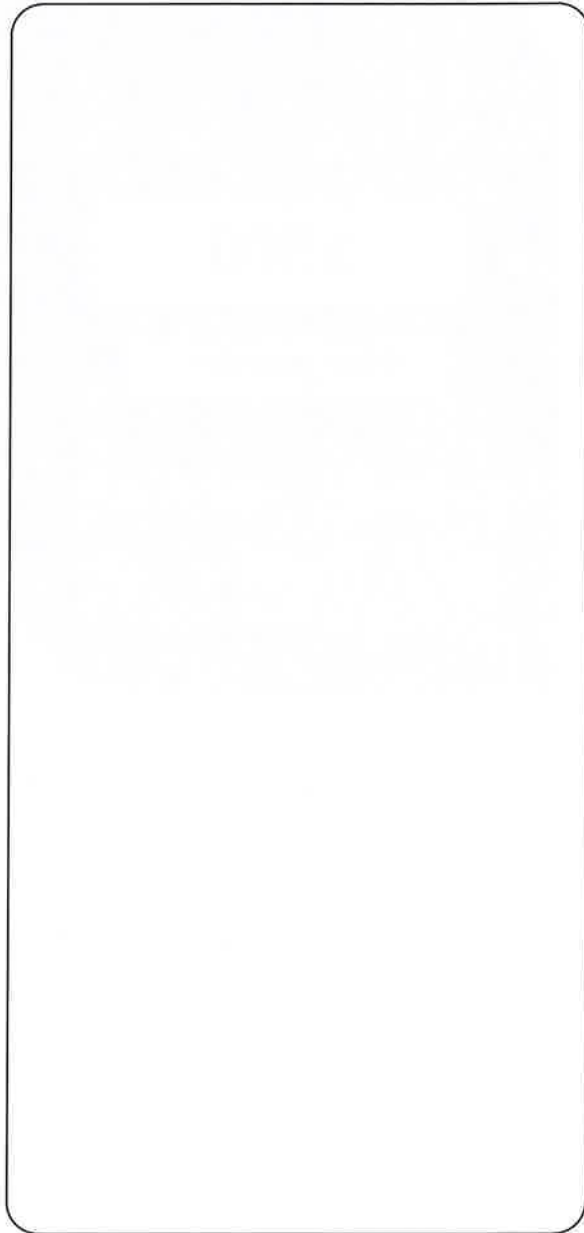
Remember to use your answer to Question 2A to help you.

Show your work in the spaces provided below.

Justin



Felicia



Part 2 – Phone Plan

In addition to purchasing their cellphone, Justin and Felicia will need to buy a phone plan. **Diagram 1** shows two networks: **Network M** and **Network N**. Each network provides a 7-day phone plan for students.

Diagram 1: Network M and Network N 7-Day Phone Plan

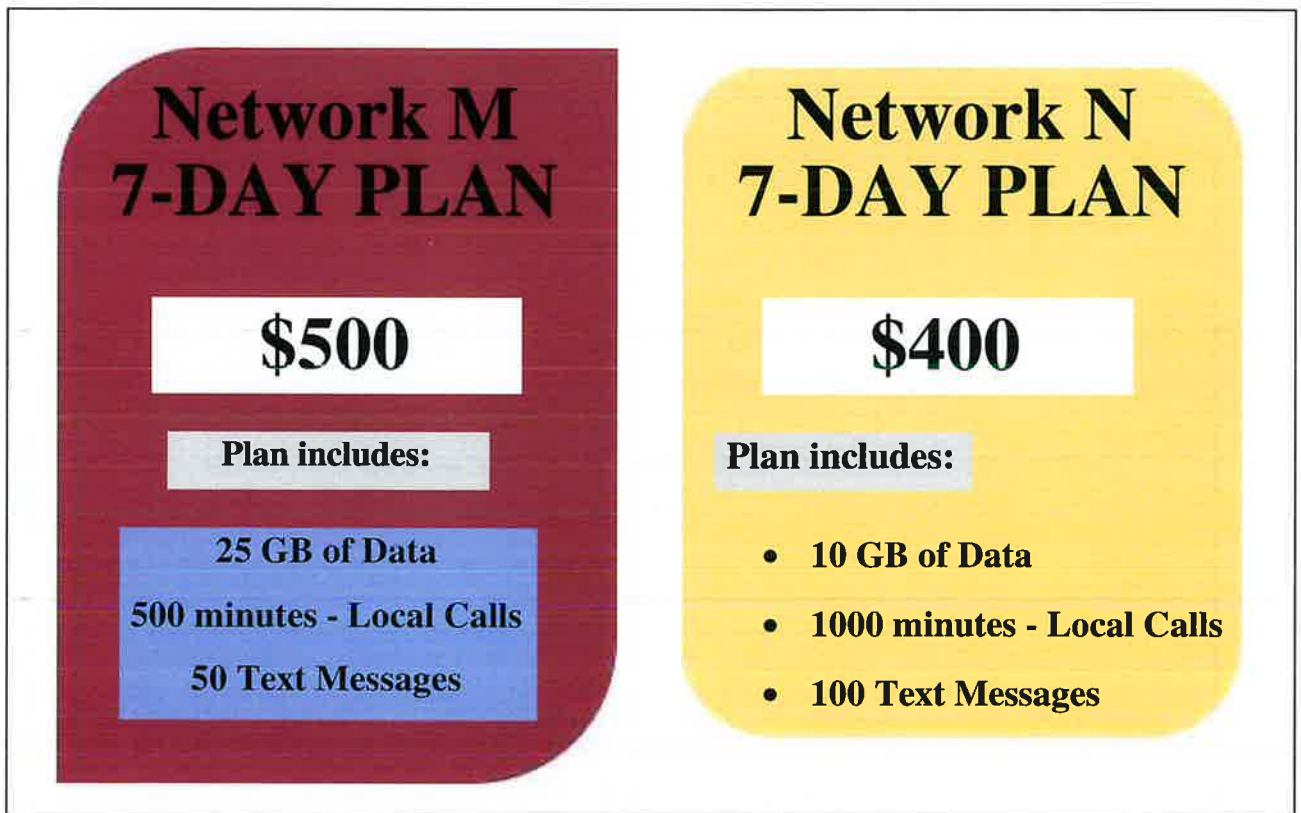


Table 1 shows, on average, Justin’s and Felicia’s weekly usage of data and local call minutes.

Table 1: Students’ Average Phone Usage Per Week

	Number of Minutes Used	Amount of Data Used
Justin	700 minutes	10 GB
Felicia	350 minutes	15 GB



Question 3

3A. Based on the information provided in **Table 1**, which phone plan would provide the best option for Justin and the best option for Felicia?

Put a tick beside the network you have selected for each student.

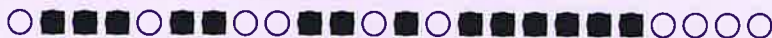
Justin: **Network M** **Network N**

Felicia: **Network M** **Network N**

3B. In the space provided below, explain why you chose the network phone plan in **Question 3A** for **Justin**.

Be sure to support your explanation with the information provided on **page 8**.

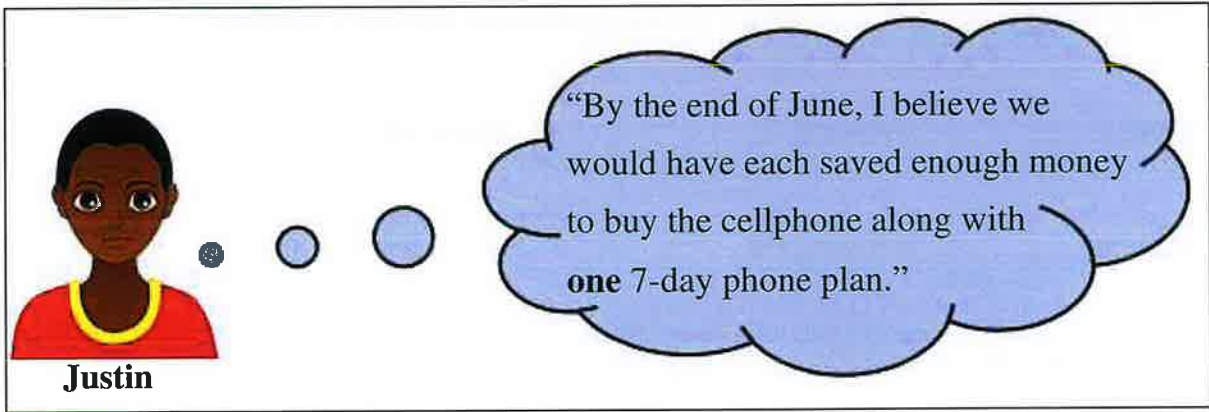
Give **ONE** detail from **Diagram 1** and **ONE** detail from **Table 1**.



Part 3 – Sufficient Savings

Question 4

Examine the statement that Justin made to Felicia below.

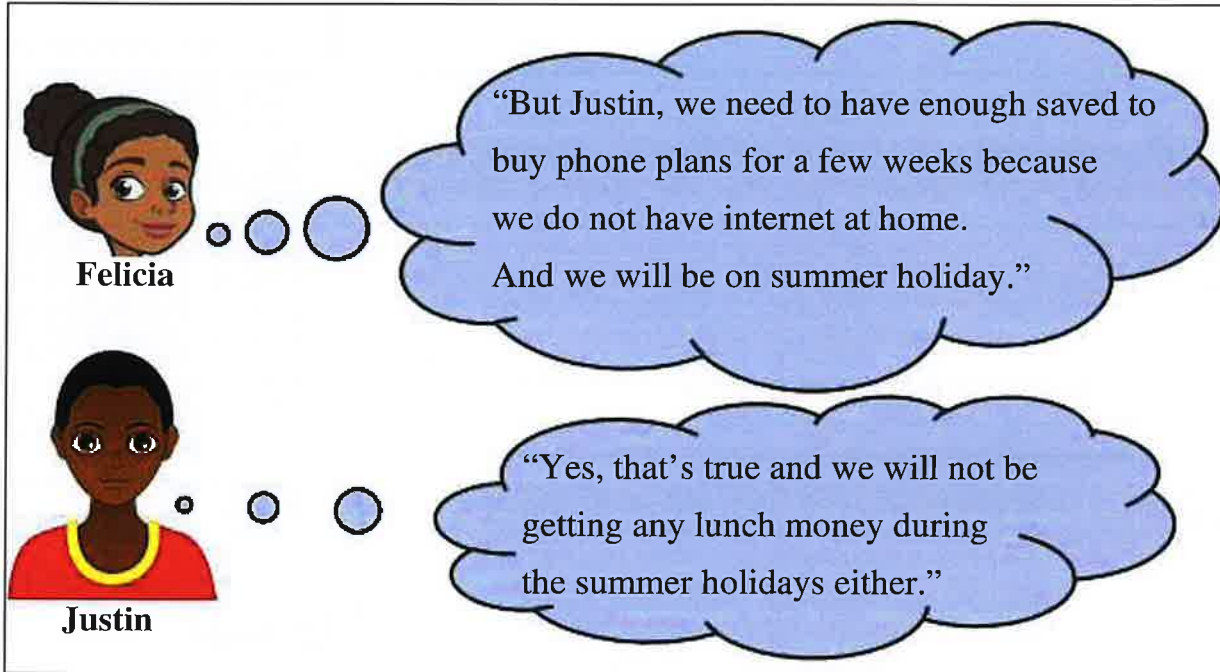


- 4A. Show that the statement that Justin made is **CORRECT**. Remember to use the information and your responses throughout the task to help you. Show your work in the space provided below.

Justin	Felicia



Examine the continuation of the conversation between Justin and Felicia below.



- 4B. How many 7-day phone plans will Justin and Felicia each be able to purchase with the remainder of their savings? **Remember to use the information and your responses throughout the task to help you.**

Show your work in the space provided below.

Justin	Felicia



Primary Exit Profile - 2024

Name: _____

Date of Birth: _____

School Name: _____

School Code: _____

Centre: _____

Parish: _____

Name of Test: PERFORMANCE TASK 2024 - MATHEMATICS

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(A) Absent _____

SCHOOL CODE

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GENERAL INSTRUCTIONS

Read the instructions below before answering the questions in the booklet:

1. Write the answer to all questions in your test booklet.
2. Read each instruction carefully, before responding to the questions in each part.
3. Ensure that all questions are answered.

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BOOKLET # ASSIGNED

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