



Ministry of
Education, Skills,
Youth & Information

Primary Exit Profile (PEP 4)

June 2025

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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MoESY/EAASB/G4PT/Mathematics/25

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General Instructions:

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

Part 1 has Question 1.

Part 2 has Questions 2 and 3.

Part 3 has Question 4.

Instructions to Begin:

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

Introduction to Task

Water Drinking Contest

Miss Brown is concerned that her students are not drinking enough water. She has challenged them to a weekly water drinking contest. The contest will be for 5 days, from Monday to Friday. The winner of the contest will be the student who drinks the most water.



Help Miss Brown to:

- 1. compare the sizes of different water bottles
- 2. decide who drank the most water after day one
- 3. decide the winner of the contest

Part 1: Size of Water Bottles

Miss Brown has measured the amount of water each student's bottle can hold. **Table 1** shows a list of the **ten students** participating in the contest. It also shows the maximum amount of water that each student's bottle can hold.

Table 1

Student	Amount of Water Each Bottle Can Hold
Sheldon	500 ml
Nelka	750 ml
Jaydon	1,000 ml
Kayon	1,500 ml
Anika	1,250 ml
Brittany	1,000 ml
Camille	500 ml
Gillian	500 ml
Dillon	250 ml
Mark	250 ml

Question 1

Use Table 1 to answer the questions below.

1A. Which student's bottle can hold the **most water**?

Write the name of the student in the space provided below.

1B. Which size water bottle appears the most?

Write the size of the water bottle in the space provided below.

1C. Which student's water bottle can hold **more water** than Camille's but **less water** than Brittany's?

Write the name of the student in the space provided below.





Part 2: Day One

Question 2

At the end of **Day One**, four students did not finish all the water in their bottles. Miss Brown measured the amount of water they each had left in their bottles. The amount of water they had left is shown below.

2A. How much water did each student have left in their water bottle?

Write your response in the box below each student's name.

<p>Jaydon</p>  <p><input type="text"/> ml</p>	<p>Kayon</p>  <p><input type="text"/> ml</p>
<p>Anika</p>  <p><input type="text"/> ml</p>	<p>Brittany</p>  <p><input type="text"/> ml</p>

- 2B.** At the end of **Day One**, how much water did each of the four students actually drink from their water bottle?

Use Table 1 and your responses to Question 2A to help you.

Write your response in the box provided below each student's name.

Jaydon

Kayon

Anika

Brittany

- 2C.** The *other six students* drank all the water from their bottles. **Using Table 1**, what could be said about the amount of water each student's (**Anika, Brittany, Jaydon and Kayon**) bottle can hold, compared to the other six students?

Write your response in the space provided below.



The other six students finished drinking all the water from their bottles. They **refilled** their bottles and **drank all the water**. They were allowed to refill their bottles as many times as they wanted.

Miss Brown started to complete **Table 2** as shown on page 9. When completed it will show:

- the number of times each of the six students refilled their water bottles
- the total amount of water each of the six students drank at the end of **Day One**

Hint:



Sheldon drank all the water from his bottle. He then filled his bottle 1 more time and drank all of it. The total amount of water he drank was 1,000 ml. This means that: $500 \text{ ml} + 500 \text{ ml} = 1,000 \text{ ml}$

Help Miss Brown complete **Table 2** on **page 9**, by calculating the total amount of water each student (**Gillian, Dillon and Mark**) drank.

The **total amount of water** that Sheldon, Nelka and Camille drank, has already been done for you.




Question 3

Complete Table 2 by **CALCULATING** the total amount of water Gillian, Dillon and Mark drank at the end of **Day One**.

Use the hint on page 8 to help you.

Show your work in the spaces provided in Table 2.

Table 2

		Student	Amount of Water Each Bottle Can Hold	Number of Times Bottle was Refilled	Total Amount of Water Drank
3A.		Sheldon	500 ml	1	Hint: $500\text{ ml} + 500\text{ ml} = 1,000\text{ ml}$ 
		Nelka	750 ml	1	1,500 ml
		Camille	500 ml	2	1,500 ml
3B.		Gillian	500 ml	2	
		Dillon	250 ml	3	
3C.		Mark	250 ml	4	

Part 3: Winner of the Water Drinking Contest



Miss Brown

Ok class! And the winner of the water drinking contest for this week is **Dillon!** He drank a total of **6,500 ml** of water.



Mark

How did that happen? I have the same size bottle.



Anika

That is the same thing I want to know. My bottle is much bigger than his.



Dillon

I know the secret to winning. Hooray!!!



Miss Brown

Anika, it was a close race between you and Dillon. I had to record the total amount of water you and Dillon drank each day. Let me show it to the class.

Table 3 shows how Miss Brown recorded the total amount of water that Dillon and Anika drank for the **remaining days** (day 2 to day 5).

Table 3

Day	Total Drank	
	Dillon (250 ml bottle)	Anika (1,250 ml bottle)
Day 2	1,000 ml	1,250 ml
Day 3	1,250 ml	1,250 ml
Day 4	1,500 ml	1,250 ml
Day 5	1,750 ml	1,250 ml

Question 4

In the space provided below, use calculations to help Miss Brown to show and explain to the class what Dillon did in order to win.

In your answer, you should:

- A. **compare** the amount of water Dillon and Anika drank overall
- B. **explain** how Dillon won. Use **Table 3** and your response to **Question 3** to support your explanation.

Write your response in the space provided below.



Primary Exit Profile - 2025

Name: _____

Date of Birth: _____

School Name: _____

School Code: _____

Centre: _____

Parish: _____

Name of Test: **PERFORMANCE TASK (PEP4) 2025 - MATHEMATICS**

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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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