



Ministry of Education and Youth

Primary Exit Profile (PEP 4)

June 2023

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/G4PT/Mathematics/'23

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General Instructions:

**This task has FOUR parts. Read the information in each part carefully.
Use the information provided to answer each question in Part 1, Part 2,
Part 3 and Part 4.**



Bake Sale

Your class is planning a bake sale to raise \$16,000.00 to buy a microwave for the classroom. Parents have been asked to donate baked products for the sale.



Your teacher has asked you to lead the Student Planning Committee. You and your team will:

- collect and organize the baked products donated
- present and interpret the information about the baked products
- determine how much money the class makes from the bake sale
- determine if the class meets its goal of raising \$16,000.00 at the end of the bake sale

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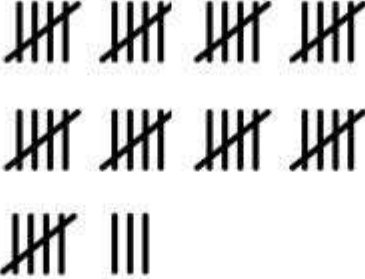

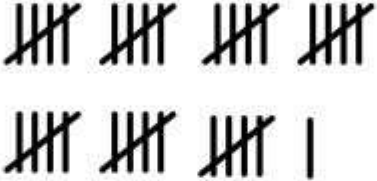

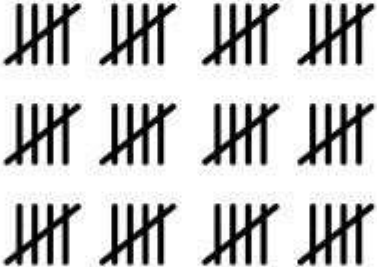


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Part 1 – Number of baked products donated

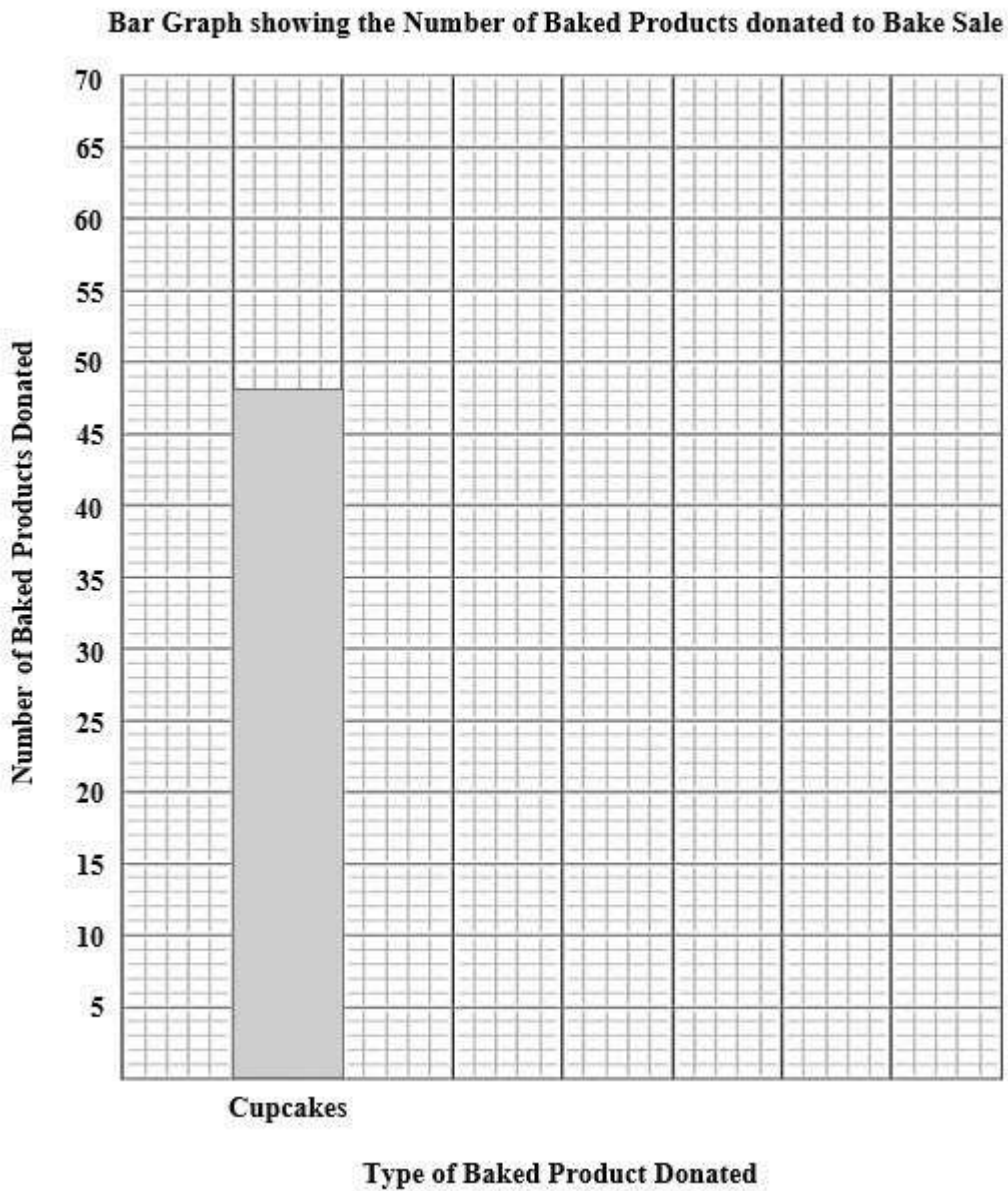
1. Complete the tally chart below. The first one is done for you.

Type of Baked Product Donated	Tally	Number
 Cupcakes		<u>48</u>
 Donuts		<u> </u>
 Cookies		<u> </u>
 Cakes		<u> </u>

KEY:  - 5

Part 2 – Let's take a closer look!

2a. Use the information in the Tally Chart in **Part 1** to complete the bar graph below. The bar for cupcakes has been done for you.



2b. Which baked product was the least popular donation? _____

2c. Which baked product donation was one dozen less than the number of cupcakes donated? _____

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Part 3 – Money earned from the bake sale

The price list used in the bake sale is shown below. Examine the list carefully, then use it to answer questions **3a**, **3b** and **3c**.



3a. At the end of the bake sale all the donuts that were donated were sold. How much money did your class make from the sale of the donuts?

Show your work in the space provided below.

3b. At the end of the bake sale only $\frac{3}{4}$ of the cookies that were donated were sold.
How much money did your class make from the sale of the cookies?

Show your work in the space provided below:

3c. Each cake was divided into 10 equal slices. At the end of the bake sale all the cakes that were donated were sold. How much money did your class make from the sale of the cakes?

Show your work in the space provided below:



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Part 4 – Meeting your Goal

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At the final meeting of the Student Planning Committee the treasurer made a report. He reported that in addition to the sale of the cakes, donuts and cookies, the class also made **\$2,400.00** from the sale of all the cupcakes.

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After completing all his calculations the treasurer also reported that the class did not meet its goal of raising \$16,000.00.

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4a. Help the treasurer to show that the class did not meet its goal of raising \$16,000.00.

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Show your work in the space provided below.

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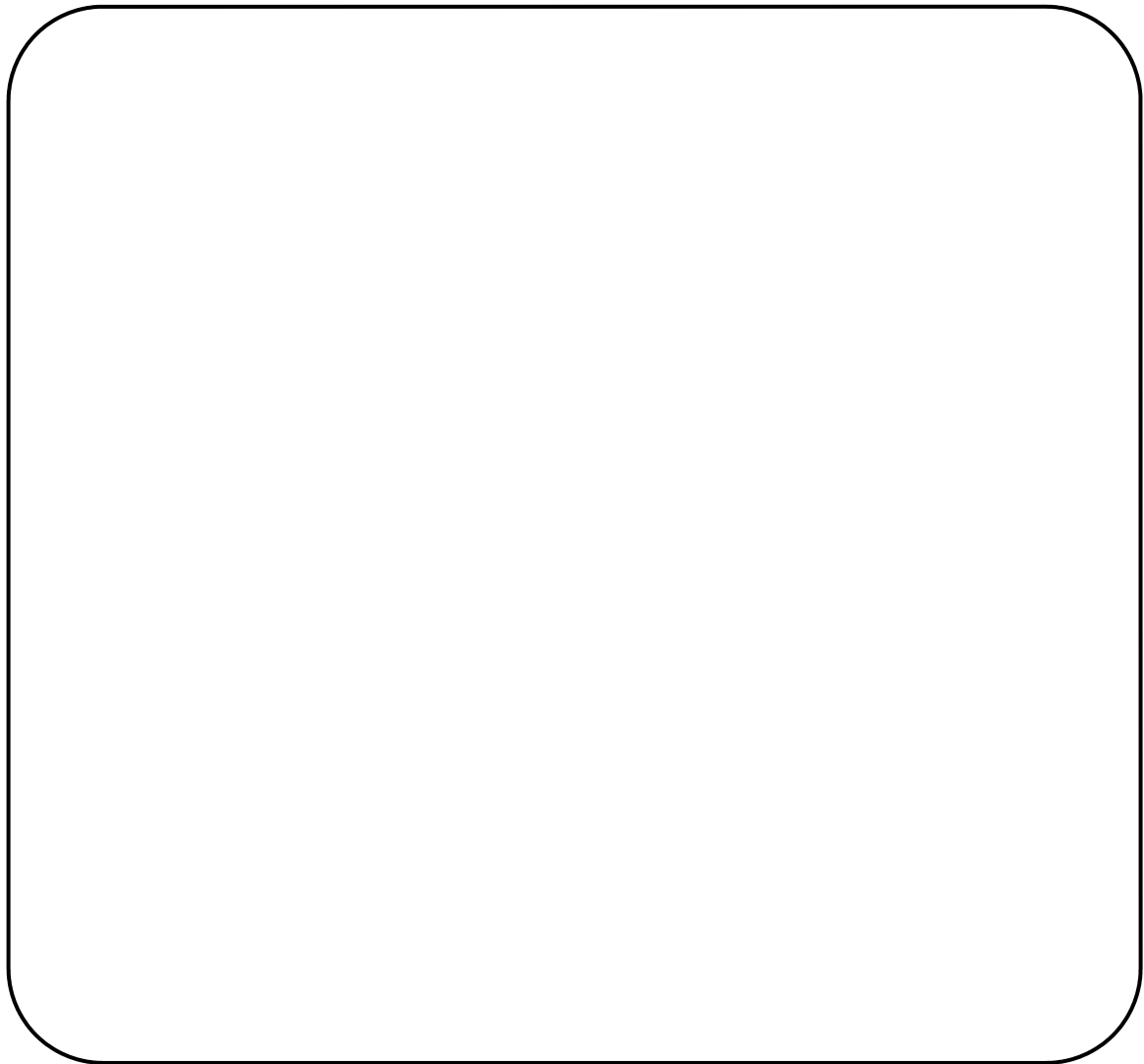
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4b. A committee member suggested that the team asks for **at least three (3)** more cake donations in order to meet its goal. Each cake will be cut into 10 equal slices and sold at the same price.

Do you agree with the committee member? Explain why you agree or why you disagree. **Be sure to use calculations to support your answer.**

Show your work in the space provided below.



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Primary Exit Profile - 2023

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PERFORMANCE TASK 2023 - MATHEMATICS

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GENERAL INSTRUCTIONS

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

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1. Write the answer to all questions in your test booklet.

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2. Read each instruction carefully, before responding to the questions in each part.

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3. Ensure that all questions are answered.

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