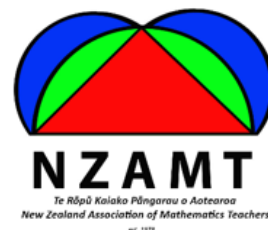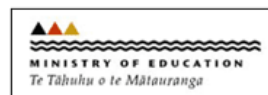# Maths Week/Pāngarau Wiki 2025

Daily Dollar/Ko te Tāra o te Rā

Bill Ellwood Memorial Series

This series is a tribute to Bill Ellwood, who wrote much of the Maths Week material from 2006 to 2019. Bill passed away in June 2021.

Set D Day 5

For students

WHAT TO DO FOR STUDENTS

1   **You may work on your own or with someone else, and your teacher or someone else can help you.**

2   **Answer the questions.**

3   **Each question has a dollar value. Each day's questions total $100 in value.**

4   **When you have answered the questions, your teacher will give you the answers.**

5   **If you are right, you will get the dollar value for each question. You then you can work out how many dollars you have earned for the day.**

6   **Add the number of dollars you have earned each day in the Daily Dollar questions and get a total for the week. Then you can compare your total for the week with others in your class.**

7   **Perhaps your teacher may award a prize for the highest total for the week!**

8   **Good luck!**

PUZZLES AND PROBLEMS

Question 1 ($20)

Five lamp posts are in a straight line along Flaxfield Lane.
The distance from each post to the next is forty metres.
What is the distance from the first post to the last post?

Question 2 ($20)

Ronnie is nine centimetres taller than Edison.
Ann is 14 centimetres shorter than Ronnie.
Edison is 156 centimetres tall.
How tall is Ann in metres?

Question 3 ($20)

If today is Friday, what day will it be in two hundred days' time?

Use the following information to answer question four and five.

Savindu's box of chocolates weighs 896 grams. The box contains twenty-four identical chocolates. Savindu eats nine chocolates; the box now weighs 662 grams.

Question 4 ($20)

What is the weight of a single chocolate?
Explain how you calculated your answer.

Question 5 ($20)

What is the weight of the empty box?
Explain how you calculated your answer.