



Problems – 12/12/2025

The solutions to the problems below
will be published on Sunday 12/14/2025

- Problem 1.** An aquarium has the shape of a rectangular cuboid. The edges of one aquarium emanating from a vertex at the base have lengths 3m, 5 m, 2 m. The edges of a second aquarium are each longer than the corresponding edges of the first aquarium by a fixed segment. Determine the dimensions of the larger aquarium knowing that its capacity is 110 m^3 greater than the capacity of the first aquarium.
- Problem 2.** A person has 10 toes on their feet. How many toes does a person have on 10 feet?

Good Luck!

We encourage you to submit your solutions via the website:

[https://mathlovers.eu/submit-solution/!](https://mathlovers.eu/submit-solution/)