



Problem of the Week

Problem B

Go with the Flow

Springtime is when sap runs from maple trees, and can be used to make yummy maple syrup.

The sap runs best when the temperature goes below freezing during the night and above freezing during the day. A very good flow rate would be 2 drips per second. Each drip contains $\frac{1}{4}$ mL of sap.



- At this rate, how many mL of sap would be collected in one minute?
- How many mL would be collected in an hour? How many litres is this?
- If the sap ran consistently for 8 hours, how many L of sap would be collected?
- If you collected sap from 28 trees for 8 hours, and each tree gave the same amount of sap as in part c), how much sap would you get in total?

STRANDS NUMBER SENSE AND NUMERATION, MEASUREMENT

