



# Problem of the Week

## Problem C

### Just Passing Through

A train is 1000 metres long. It is travelling at a constant speed, and approaches a tunnel that is 3000 metres long. From the time that the last car on the train has completely entered the tunnel until the time when the front of the train emerges from the other end, 30 seconds pass.

Determine the speed of the train, in kilometres per hour.

