



Problem of the Week

Problem D

Lengthy Layover

Including takeoff and landing, a plane has an average speed of 500 km/h while in flight.

The plane travels from Toronto to Thunder Bay in 1 hour 40 minutes, has a brief layover, then returns to Toronto. The return flight is by the same route and in the same amount of time.

If the wait in Thunder Bay reduces the average speed to 425 km/h for the entire two-way trip, how long was the layover?

