



Problem of the Week

Problem C

Not Much Longer

On a certain day, the visibility at sea is 5 km. Boats A and B are 200 m apart and travelling in opposite directions, each at a different, constant speed. The two boats are in sight of one another for 15 minutes.

If boat A is travelling at a constant speed of 8 km/h, how fast is boat B travelling, in km/h?

