



## Problem of the Week

### Problem C

#### See You No More

Two boats are travelling away from each other in opposite directions. One boat is travelling east at the constant speed of 8 km/h and the other boat is travelling west at a different constant speed.

At one point, the boat travelling east was 200 m east of the boat travelling west, but 15 minutes later they lose sight of each other.

If the visibility at sea that day was 5 km, determine the constant speed of the boat travelling west.

