



Problem of the Week

Problem D

Walking Away

Anna, Biljana, and Cees stand in a row in a large field. Anna is 180 m west of Biljana and Cees is 450 m east of Biljana. At the same time, Anna and Cees begin walking. Anna walks north at a constant rate of 75 m/min and Cees walks south at a constant rate of 90 m/min. Biljana does not move.

After how many minutes of walking will the distance between Biljana and Cees be twice the distance between Anna and Biljana?

