



Problem of the Week

Problem C

Soccer Practice

Chris and Pat are practicing soccer. Standing 1 m apart, Pat first kicks the ball to Chris and then Chris kicks the ball back to Pat. Next, standing 2 m apart, Pat kicks the ball to Chris and Chris kicks it back to Pat. After each pair of kicks, Chris moves 1 m farther away from Pat. If they stop playing after the 29th kick, how far apart are they standing and how far did the ball travel in total?

