



Problem of the Week

Problem D

Student to Student

At the beginning of the school year, the ratio of the number of Grade 10 students to the number of Grade 9 students at CEMC H.S. was $15 : 16$. By the end of the year, there were 30 more Grade 10 students and there were 20 fewer Grade 9 students, and the ratio of the number of Grade 10 students to the number of Grade 9 students was now $11 : 10$.

How many Grade 9 students and how many Grade 10 students were there at the beginning of the school year?

