



Problem of the Week

Grade 9 and 10

The Phantom Menace: Students Quitting

A large group of students came out to an information meeting about the upcoming school musical, Phantom of the Math Room. Early in the meeting 15 girls left. Twice as many boys as girls remained. Later, after the 15 girls left, $\frac{3}{4}$ of the boys and $\frac{1}{3}$ of the remaining girls left. This left 14 more girls than boys. All of the remaining students stuck it out and went on to perform in an amazing production.

How many students remained to perform in the school musical, Phantom of the Math Room?

