

Name: _____

Counting without counting.

The Problem.

You are a teacher, and there are definitely fewer than 30 students in your classroom. You also know that:

- When the students pair off, there is one student left over.
- When breaking up into groups of three students, there are two students left over.
- When breaking up into groups of five students, there are three students left over.

How many students are in your classroom?

Your solution.