

## Straight's Problem of the Week

GREED 534 – September 15, 2008

*Problem solution with full justification must be submitted on Monday, September 22, 2008.*

Two students, Claudia and Stephen, brought in treats for their math class last week. There are 24 total people (counting the teacher, who got a treat as well) in the class.

They decided to bring in jelly beans; to be fair, they brought just enough jelly beans so that every person would get the same number, with none left over. However, on the day they brought them, there were four students absent. Because of this, each student got *four more* jelly beans than originally planned, and there were 12 left over.

How many total jelly beans did Claudia and Stephen bring to their math class?