Problem of the Week
Problem C
Retiring and Hiring

A small technology company is beginning to expand. The company currently has 100 employees. At the end of each year for the next 4 years, 25 employees will retire and a new employee will be hired for each of the remaining employees.

After this four year cycle of retiring and hiring is complete, determine the average number of people hired per year over this four year period.

Extension: Using your results and assuming the pattern continues, predict the number of employees if this cycle of retiring and hiring were to continue for ten years.