

Problem of the Week

Problem C

Growing a Business

A startup company is growing. At the start of 2018, the company had 100 employees. At the end of the year, for each of the next four years, the company expects that 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 employees that the company grows by each year.



BEST WISHES



WELCOME

Extension: Assume that this pattern of retiring and hiring continues for a total of ten years. How many employees will the company have after the tenth year?

