Baccalauréat 2009 - Académie de Lille

Epreuve de Discipline Non Linguistique
Mathématiques/Anglais

Thème G : suites
Sujet 4

L'usage de la calculatrice est autorisé.
Temps de préparation: 20 minutes.
Cette planche sera à rendre à l'examinateur, veillez à ne rien écrire dessus.

An investor invests £2000 on january 1st of 1997 in a savings account that guarantees him 4% per annum for life.

1°) If interest is calculated on the 31st of December each year, how much did he have in his account in 1998 and in 1999 ?

2°) How much does he have today ?

3°) When will he have more than a million pounds ?