

MATHEMATICAL CHALLENGES

1. Mr and Mrs Chan have seven children, born in alternate years. Mr Chan is 5 years older than Mrs Chan, and 30 years older than his eldest child. The sum of the ages of the whole family is 382 years. Find the ages in years of each member of the family.
2. Guess the number that follows 3613.
3, 5, 13, 85, 3613,

有興趣接受以上挑戰的同學，請於指定日期前將答案（包括題解）交給我。