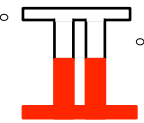




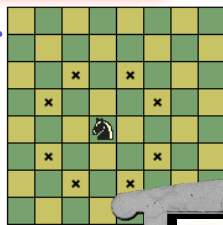
x-maths Bond



December 18th 12:45pm Windermere, The Lake District, England

Maths room 007 had an idyllic view of the Lake and the crisp white hills beyond. The Y12 Further Maths lesson on Polar coordinates had been most appropriate but the keen group of students were happy to end the lesson and indeed the term with

BOND
ONE
+ TWO
THREE



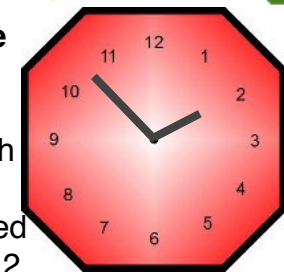
Find the minimum number of knights that can be placed on a chess board in such a way, that all free squares of the board are attacked by at least one knight.

something a little more recreational. Mr Craig obliged with a cryptarithm. If $D = 4$, find the value of the other letters.

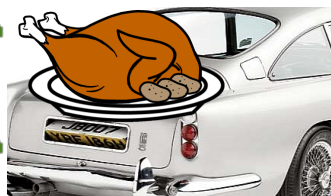
Later that afternoon, The Golden Bovine Hostelry, just off the A591, near Kendal



"Afternoon Max, you been away?" The landlady didn't expect any response. She began to fill a pint glass with Spaniel's Gold. "Pie with this?" Max nodded. Max was happy. The open fire blazed, the juke box quietly played 'A Winter's Tale' and his briefcase contained the first 12 digits of pi. The only other occupant, a stranger, sat at the opposite end of the bar. There was a white letter e and a small white circle next to his empty glass - he had been minding his own business until now.



1 hour, 52 minutes and 36 seconds after midday precisely!



Number Plate

abcde is a 5-digit number such that $abcde \times 4 = edcba$

Pi and a Pint
£495

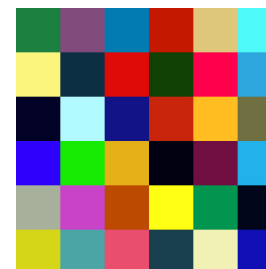
"You have expensive taste," the stranger nodded in the direction of a black menu board. The school inspectre's senses and thought process moved into overdrive. He quickly realised that the game was up. His mission,

"The Pi Who Loved Me"

had faltered. He didn't really need the stranger's introduction - "The name's Bond, James Bond."

Display
Dismay

91011121 415



Wrapping
Shaper



How many rectangles? (Not including squares.)