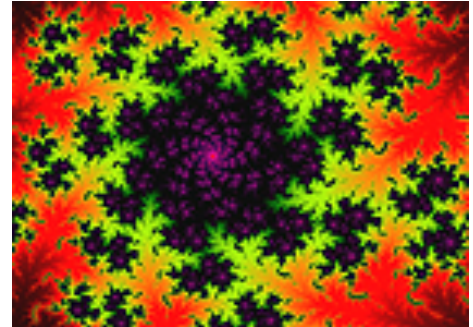
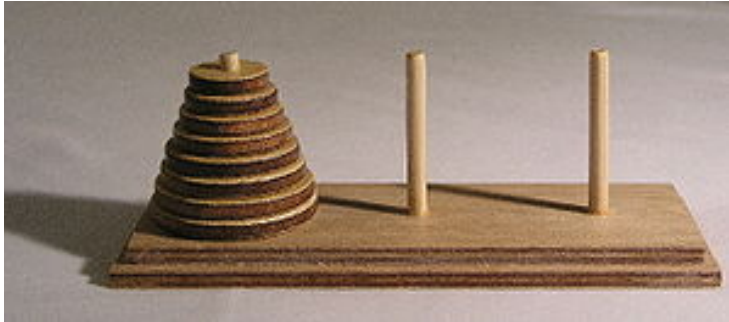


Mathematical Explorations – Summer 2011 Syllabus



Day	Topics	Homework
2 ⁰	Cryptography and Introductions	Dancing Men Problem
8/4	Tower of Hanoi	Extension Problems
7-4	The Power of Proportions and the Golden Ratio	None
Log10,000	Crop Circles	Create Your Own Crop Circle
√25	Fractals	Work on Crop Circles
3!	Mind-reading, Palindrome Numbers	Telephone Problem, Work on Crop Circles
7/14+13/2	Divisibility Tests, Prime Numbers	Work on Crop Circles
2 ³	Game Show Day	Game Theory Task (Videos), Work on Crop Circles
3 ²	Game Show Day (Continued)	Work on Crop Circles
(5-3)(347-342)	Amazing Race!	None

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