



Focus on... Mathematics

#74

On this day in...

On October 7th 2000, the last ever competitive soccer match was played at the old Wembley Stadium. England were defeated 1-0 by Germany, with the last goal being scored by Liverpool's Dietmar Hamann. The match was Tony Adams' 60th at Wembley, the record for most appearances at the stadium.

The record attendance was 126,047 for the 1923 FA Cup final.

Fun Facts...

7 is a prime number.

1, 3, 4, 7, 11, 18, 29...

A Lucas number.

= $2^3 - 1$

A Mersenne prime.

Hept- or *Sept-* means seven.

A heptagon is a figure with seven sides and a heptachord is a seven-stringed musical instrument.

A septennium is a period of seven years.

September used to be the seventh month in the year, but not any longer.

Go explore...

The word "hundred" comes from the old Norse term, "hundrath", which actually means 120 and not 100. Find other numbers and where they come from. For example:
How many months were there in the Roman calendar?
What role did Hindus have in developing the number system?

Picture this...

12 x 12 = 9
23 x 23 = 16
34 x 34 = ?

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