

The Mathematics Calendar 1988

By Theoni Pappas

The Mathematics Calendar is designed so that the problem appearing on each day has as its solution that date. The answer is only one small part in the process of solving a problem. The challenge is discovering how to arrive at the solution, and possibly discovering more than one method of solving it. Some problems have general information in addition to the mathematical information. The text and graphics accompanying each month have a wealth of information and even a bit of humor.

— from the publisher

Wide World/Tetra, 16" x 11", \$7.95

SEPTEMBER Place Value-Number system -Where did it come from?

The history of writing the number to represent a quantity, a base quantity, was not discovered or invented or associated with the number of units. The Greek and other people had already understood the concept of the number system. It was not until about 2000 B.C. that the Babylonians introduced the concept of the number system. The Babylonians used a base 60 system. The Babylonians used a base 60 system because 60 is a highly composite number. It is divisible by 2, 3, 4, 5, 6, 10, 12, 15, 20, and 30. This makes it very convenient for calculations. The Babylonians used a base 60 system because 60 is a highly composite number. It is divisible by 2, 3, 4, 5, 6, 10, 12, 15, 20, and 30. This makes it very convenient for calculations.

S	M	T	W	T	F	S
					$0.05(22)$	$(1+2+3+\dots+n) = \frac{n(n+1)}{2}$
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

“Attractive, useful, varied — [The Mathematics Calendar] will keep you reminded of the many facets of mathematics ... interesting, artistic, educational ... I want my copy. You will too. This calendar is becoming a classic.”

— The Mathematics Teacher

The Children's Mathematics Calendar also by Pappas for 1988

NOVEMBER Optical Illusions

The problems and text will develop skills, introduce new concepts, stimulate curiosity and present challenges. In addition to stimulating a young person's thinking and helping in the discovery of new ideas in mathematics, this calendar offers a unique opportunity for young people to work with each other, their parents, and their teachers in determining how the solution to each problem is reached.

S	M	T	W	T	F	S
						$?+4=14$
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

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