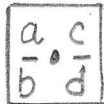


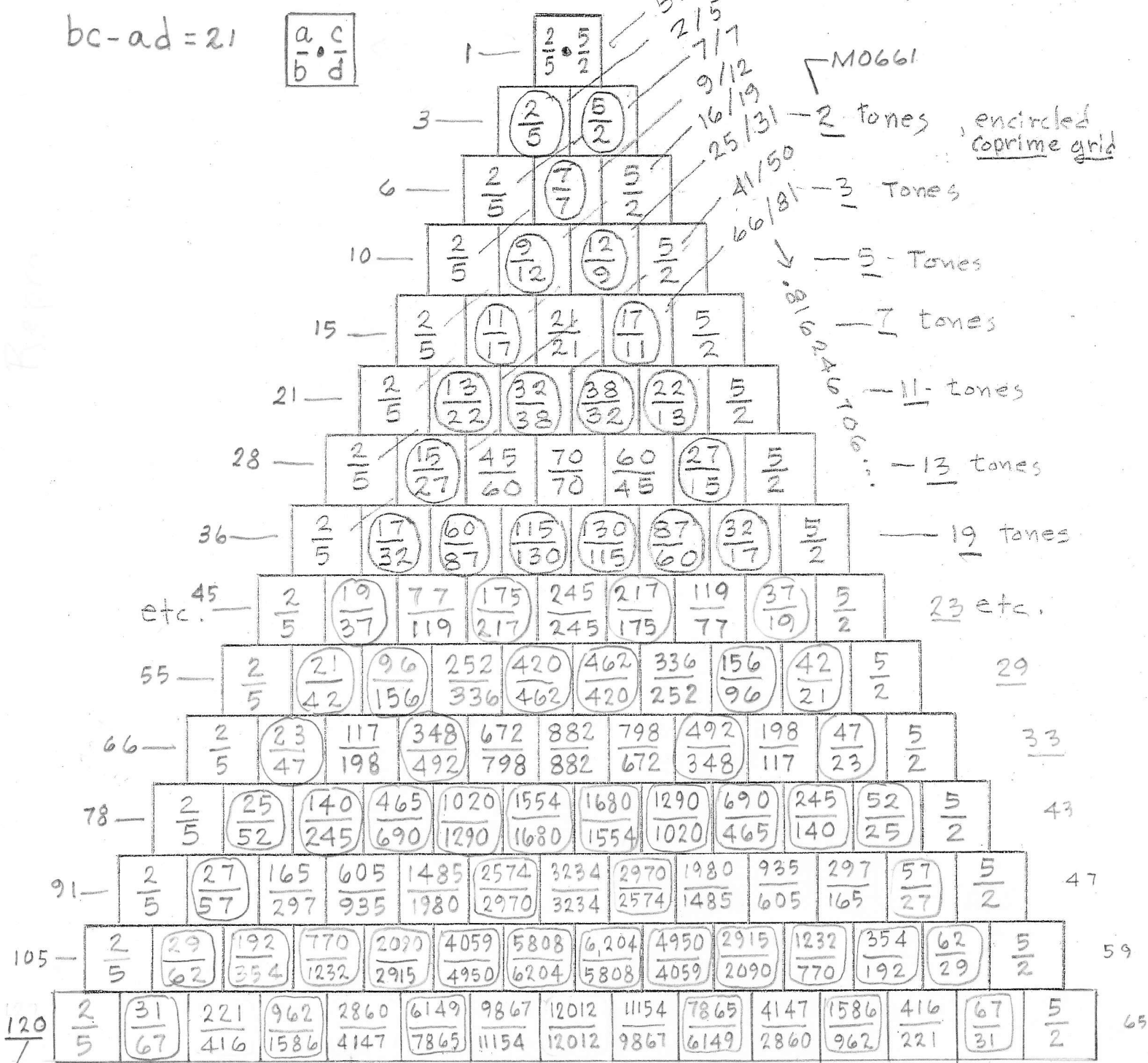
"FRENCH'S Triangle" $\{\frac{2}{5}, \frac{5}{2}\}$

as interpreted by Erv Wilson
Oct 8, 2004; Oct 3, 2005

$bc - ad = 21$



√ dual phyllotaxis
sums of diagonals



M0661
2 tones, encircled coprime grid
3 tones
5 tones
7 tones
11 tones
13 tones
19 tones
23 etc.
29
33
43
47
59
65

pebble count
M2535

The Opposite Spirals of Sinecuiche

© 2005 by Ervin M. Wilson

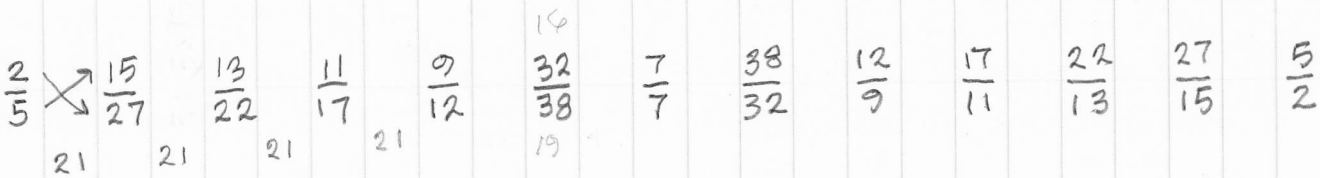
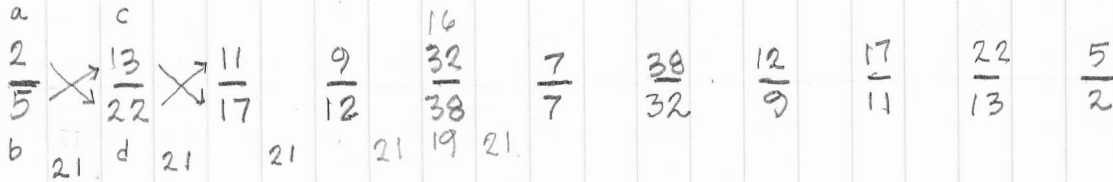
30ct05.ew

— 7 tone-count in scale

— 11 count

— 13 count

$$\begin{aligned} & \left(\frac{2}{5}\right) \times \left(\frac{11}{17}\right) = 21 \\ & \left(\frac{11}{17}\right) \times \left(\frac{9}{12}\right) = 21 \\ & \left(\frac{9}{12}\right) \times \left(\frac{7}{7}\right) = 21 \\ & \left(\frac{7}{7}\right) \times \left(\frac{12}{9}\right) = 21 \\ & \left(\frac{12}{9}\right) \times \left(\frac{17}{11}\right) = 21 \\ & \left(\frac{17}{11}\right) \times \left(\frac{5}{2}\right) = 21 \end{aligned}$$



20	260	750	840	885
$\frac{13}{22}$	$\frac{60}{87}$	$\frac{9}{12}$	$\frac{32}{38}$	$\frac{115}{130}$
21	29	21		

French's Triangle

bc - ad = 21 (some hand reduction required)
by Erv Wilson Oct 8, 2002

400	531	556	591	641	690	750	840	885
$\frac{2}{5}$	$\frac{17}{32}$	$\frac{15}{27}$	$\frac{13}{22}$	$\frac{11}{17}$	$\frac{60}{87}$	$\frac{9}{12}$	$\frac{32}{38}$	$\frac{115}{130}$

Expansion for "She's My Filipino Baby" Ernest Tubbs

15 Feb 2003. EW

12	16	20	=	}	24 ⁽⁸⁾	32 ⁽⁸⁾	40
12	3 1/2	19			24 ⁽⁷⁾	31 ⁽⁷⁾	38
12	30	18			24 ⁽⁶⁾	30 ⁽⁶⁾	36

Some Notes on Sums and Stuff of the Arithmetic Triangle (Meru Prastara)

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["Chinese Triangle" as known to Fibonacci]

per H.E. Huntley in "The Divine Proportion" 1970 Dover. "It is possible that Leonardo Fibonacci ... stumbled (on his series) thru an examination of the Chinese Triangle." No documentation from China.

1	1								
2	1	1							
4	1	2	1						
8	1	3	3	1					
16	1	4	6	4	1				
32	1	5	10	10	5	1			
64	1	6	15	20	15	6	1		
7	21	35	35	21	7	1			

← Sums of Diagonals

← Sums of Horizontals

← Sums of Verticals

Compare with row 7

1	1	1	1	1	1	1	1	1	1	1
1	2	3	4	6	8	10	12	15	18	21
1	3	6	10	15	21	28	36	45	54	63
1	4	10	20	35	56	84	120	165	210	264
1	5	15	35	70	126	210	336	504	720	990
1	6	21	56	126	252	462	840	1470	2520	4200
1	7	28	84	210	462	924	1764	3465	6720	13200

← Sums of the Horizontals

Euler Combinations
(Pascal, Mendel? Pingala)
No documentation for Mendel?
Partch uses combinations but never cites Pascal or Fibonacci. Furthermore the monophonic fabric imbeds the Farey series (Goodwyn sequence) and the Fibonacci sequence.

1	1									
1	1	1								
1	2	1								
1	3	3	1							
1	4	6	4	1						
1	5	10	10	5	1					
1	6	15	20	15	6	1				

← Sums of the Diagonals

← Fibonacci

← Sums of the Diagonals
(Fibonacci, Thomas M. Green, Pelog, S'lendra, Chinese, Pascal, Pingala ? we dont know.)
Note the relation between factors and prime numbers — Straight forward.
15 Feb 2003. EW