

where  $F_m$  and  $L_m$  are the  $m$ th Fibonacci and  $m$ th Lucas numbers, respectively.

H-80 Proposed by J.A.H. Hunter, Toronto, Ontario, Canada and Max Rumney,  
London, England - Corrected  
Show

$$\sum_{r=0}^n \binom{n}{r} F_{r+2}^2 = \sum_{r=0}^n \binom{n-1}{r} F_{2r+5}$$

SOLUTIONS

THE FINAL WORD

H-42 The corrected list is:

1, 2, 3, 5, 9, 15, 20, 25, 41 .

J. D. Konhauser first noted the typing error.

Solution to the Crossword Puzzle by H.W. Gould, West Virginia University

B		F	I	B	O	N	A	C	C	I		T	
S	E	R	I	E			L		O	S	A	G	E
	A		L	C	M		U	N		T	E	N	
P	H	Y	L	L	O	T	A	X	I	S		N	
A		E		E		D	I	C	E		E	P	
S	I	N	O		F		D		A	Q		R	I
C	A	I	N		F	E			L	U	C	A	S
A	L	M	A		I	Q		U		E		T	A
L			R	E	C	U	R	R	E	N	C	E	
	H	A	D	R	I	A	N			C	O	S	H
T	Y	R	O		E	T		U	S	E	S		I
A		A			N	E	X	T			E	R	S
R	A	B	B	I	T	S		E	V	I	C	T	S

XXXXXXXXXXXXXXXXXXXX