

LIGHT VERSE

*Early to bed and
early to rise*

*may make a man both
wealthy and wise.*

*With "healthy," I can't
come to terms*

*—It's known that early
birds get worms.*

—cgj

DOUBLED OR NOTHING

Some cause happiness

								4	8	3	2		
								T		E	Y		

Others,

								4	8	3	2		
								T		E	Y		

—Oscar Wilde

Double the numbers below and write your answers in the box tops (one digit to each box). Then match boxes to find six hidden words.

4	9	1	5	1	7	6	5	2	4	1	6	0	8
T	W	G	V	G	N	O	V	Y	T	G	O	R	H

4	9	1	8	6	7	6	5	2	4	1	6	0	8
T	W	G	H	O	N	O	V	Y	T	G	O	R	H

digit DETECTION

L	I	V	I	N	G
9	9	9	9	9	9
8	8	8	8	8	X
7	7	7	7	7	X
6	6	6	6	6	6
5	5	5	5	5	5
4	4	4	4	4	4
3	3	3	3	3	X
X	2	2	2	2	X
X	1	1	1	1	1
X	0	0	0	0	0

Each letter in LIVING stands for a digit. Given these simultaneous equations can you find the values?

$$(LI)^2 = VING \quad I - L = G \quad I - N = V \quad L - G = V$$

Use the grid to eliminate impossibilities. No number less than 32 has a four-digit square. Therefore L is greater than 2. No square ends in 2, 3, 7, or 8. Therefore G is not 2, 3, 7, or 8.



	5		5										
C	M	T	M	O	L	N	O	T	C	U	O	A	I

X	
	C

5													
M	U	L	T	I	P	L	I	C	A	T	I	O	N

Each letter stands for a digit in this multiplication problem. Given M=5, can you replace the missing digits to find the value of MULTIPLICATION?

For answers, please see page 34