ALPHAMETICS

Edited by STEVEN KAHAN

Please send solutions and proposals for new puzzles to
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50.3.1   Puzzler - 1   by Frank J. Mrazik, Montreal, Quebec

$$T E A S E R \times C = R I D D L E$$

50.3.2   Puzzler - 2   by Frank J. Mrazik, Montreal, Quebec

$$R I D D L E \times C = T E A S E R$$

50.3.3   International Squares - 1   by Paul E. Boymel, Potomac, Maryland

$$P E R U \times P E R U = M A L A G A S Y$$

50.3.4   International Squares - 2   by Paul E. Boymel, Potomac, Maryland

$$M A L I \times M A L I = P A K I S T A N$$

50.3.5   English Trio   by Andrzej Bartz, Fuerth, Germany

$$T W E N T Y + 2 (N I N E) + 52 (O N E) = N I N E T Y$$
$$9 (T W O) + F O U R + 2 (N I N E) = F O R T Y$$
$$6 (T W O) + 2 (F O U R) + 2 (T E N) + N I N E + O N E = F I F T Y$$

Solve these three simultaneously, please.

50.3.6   Self-Promotion   by Andrzej Bartz, Fuerth, Germany

$$(W O R D)^2 + (W A Y S)^2 + (W O R D) \times (W A Y S) = L O G O L O G Y$$

Solutions are sought in base 13 and base 14.

SOLUTIONS TO ALPHAMETICS, Vol. 50, Number 3

50.3.1 <u>Puzzler - 1</u> by Frank J. Mrazik, Montreal, Quebec

$480589 \times 2 = 961178$

50.3.2 <u>Puzzler - 2</u> by Frank J. Mrazik, Montreal, Quebec

$485537 \times 2 = 971074$

50.3.3 <u>International Squares - 1</u> by Paul E. Boymel, Potomac, Maryland

$3257 \times 3257 = 10608049$

50.3.4 <u>International Squares - 2</u> by Paul E. Boymel, Potomac, Maryland

$7098 \times 7098 = 50381604$

50.3.5 <u>English Trio</u> by Andrzej Bartz, Fuerth, Germany

$490542 + 2(5350) + 52(650) = 535042$
$9(496) + 1678 + 2(5350) = 16842$
$6(496) + 2(1678) + 2(405) + 5350 + 650 = 13142$

50.3.6 <u>Self-Promotion</u> by Andrzej Bartz, Fuerth, Germany

$(27cb)^2 + (2865)^2 + (27cb) \times (2865) = 17a717a6$ (base 13)
$(7ac3)^2 + (7052)^2 + (7ac3) \times (7052) = ba6aba65$ (base 14)