

WORD WAYS, Vol. 51, Number 4, November 2018

ALPHAMETICS

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Please send solutions and proposals for new puzzles to  
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**51.4.1 Doubly True – Italian by Andrzej Bartz, Fuerth, Germany**

DUECENTO + CENTOSETTE + CENTOSEI + CENTOUNO + CENTO +  
VENTISETTE + VENTUON + DODICI + DIECI + NOVE + SETTE = SETTECENTO

$$(200 + 107 + 106 + 101 + 100 + 27 + 21 + 12 + 10 + 9 + 7 = 700)$$

**51.4.2 Doubly True – German by Andrzej Bartz, Fuerth, Germany**

HUNDERTZEHN + HUNDRETTZWEI + NEUNZEHN + 2(DREIZEHN) +  
9(ZEHN) + 37(NEUN) + 26(DREI) + 71(ZWEI) = NEUNHUNDERT

$$(110 + 102 + 19 + 2(13) + 9(10) + 37(9) + 26(3) + 71(2) = 900)$$

**51.4.3 Pythagorean Triple – 1 by Andrzej Bartz, Fuerth, Germany**

$$(ONE + ONE + ONE)^2 + (FOUR)^2 = (FIVE)^2$$

**51.4.4 Pythagorean Triple – 2 by Andrzej Bartz, Fuerth, Germany**

$$(FIVE + ONE)^2 + (TWO + TWO + ONE + ONE + ONE + ONE)^2 =  
(FIFTY – FORTY)^2$$

**51.4.5 Global Tour – 1 by Paul Boymel, Potomac, Maryland**

C U B A x M A L I = B E L G I U M

**51.4.6 Global Tour – 2 by Paul Boymel, Potomac, Maryland**

T O G O x L A O S = B A R B U D A

**SOLUTIONS TO ALPHAMETICS, Vol. 51, Number 4**

**51.4.1 Doubly True – Italian by Andrzej Bartz, Fuerth, Germany**

$$60838794 + 3879458998 + 38794582 + 38794074 + 38794 + 1879258998 + 1879074 + 646232 + 62832 + 7418 + 58998 = 5899838794$$

**51.4.2 Doubly True – German by Andrzej Bartz, Fuerth, Germany**

$$21473589324 + 21473589036 + 43149324 + 2(75369324) + 9(9324) + 37(4314) + 26(7536) + 71(9036) = 43142147358$$

**51.4.3 Pythagorean Triple – 1 by Andrzej Bartz, Fuerth, Germany**

$$(345 + 345 + 345)^2 + (1380)^2 = (1725)^2$$

**51.4.4 by Andrzej Bartz, Fuerth, Germany**

$$(5847 + 297)^2 + (302 + 302 + 297 + 297 + 297 + 297)^2 = (58536 - 52136)^2$$

**51.4.5 Global Tour - 1 by Paul Boymel, Potomac, Maryland**

$$1438 \times 2509 = 3607942$$

**51.4.6 Global Tour - 2 by Paul Boymel, Potomac, Maryland**

$$2606 \times 1863 = 4854978$$