# (L) YakDuDray

L1. (16/25 points: two points for each correct match except for the blank)

1 2 3 4 5 6 7 8 9
D E H B C A G F _

Intermediate data:

A. Kuvi 8-2=6
B. Albanian 10-6=4
C. Farsi 8-3=5
D. Irish 6-5=1
E. Nepali 6-4=2
F. Yiddish 9-1=8
G. Pengo 10-3=7
H. Lithuanian 8-5=3

(5x4)+(9x8)=(5x10)+(6x7)

L2. (9/25 points)
Sample "key insights"

- closer connections among neighboring languages
- consonants more likely to be preserved
- pronunciation may not match spelling
- specific phonological changes, e.g., s-sh, c-p,
- specific patterns for numerals, e.g., 9 starts with N, 4 has T+R in the middle
- use of the title of the problem
- use of the equation
- use of the constraints imposed by the subtractions
- the form for the number 1 changes the most