

Problem 4: Arabana

Tom McCoy



Where is Arabana spoken?

- South Australia
- North and west of Lake Eyre



MAP 1: GENERAL MAP OF ARABANA-WANGKANGURRU COUNTRY (drawn by V. Potezny)

Graded by

- Gabrijela Hladnik
- Hugh Dobbs
- Ksenia Gilyarova
- Sam Ahmed







How did we grade it?

• We took inspiration from the Isle of Man:



• We graded out of 60, then divided by 3.

Distribution of marks

- (a): $1-24 \leftrightarrow A-X$ [24 marks]
- (b): ____(?)____ [10 marks]
- Theory [26 marks]
- Total [60 marks] ÷ 3 = 20

The 2 families

• A-G are in the smaller family (18-24).

• H-X are in the bigger family (1-17).



Marriage



Y: "X anthunha **nhupa**"

Х

- = X is my spouse/husband
- X: "Y anthunha **nhupa**" = Y is my spouse/wife

nhupa nhupa





- Y: "X anthunha **nhuthi**" = X is my older brother
- X: "Y anthunha **kupaka**" = Y is my younger sibling

- N: "M anthunha **kaku**" = *M* is my older sister
- M: "N anthunha **kupaka**" = N is my younger sibling



apityi = father **piyaka** = father's child

lhuka = mother wardu = mother's child

Grandparents/grandchildren

- Grandchildren are called the same as grandparents
- Y: X anthunha **amanyi** ↔ X: Y anthunha **amanyi**
- (... thanti \leftrightarrow thanti ...)
- $(\dots kadnhini \leftrightarrow kadnhini \dots)$

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Grandparents/grandchildren

- Grandchildren are called the same as grandparents
- **amanyi** = father's mother \leftrightarrow grandchild
- **thanti** = mother's father ↔ grandchild
- **kadnhini** = mother's mother \leftrightarrow grandchild
 - = father's father \leftrightarrow grandchild

- Submitted by 165 contestants (89% of you!)
- 32 said it was the hardest problem
- 26 said it was the easiest problem

 Average score: 8.63 (2nd easiest)



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• 4 best solutions...

Best solution (1)

Best solution

Takamichi Hoshii

Japan Samurai

Best solution (2)

Best solution

Eunsu Choi

Australia

Best solution (3)

Best solution

lan Tam

Hong Kong

Best solution (4)



Alexandra Jelihovschi

Moldova

Thank you!