

# Cal Poly Department of Mathematics

## Puzzle of the Week

Feb 6 - 12, 2009

The other day I was at a math conference and overheard a conversation between two mathematicians who had together studied abroad on the Budapest Semesters in Mathematics Program back when they were in college, but had not seen each other since:

Aaron: How are you!? It's been a while. What's new?

Bart: I am doing well. I got married and have three kids!

Aaron: Really! How old are they?

Bart: Well, the product of their ages is 36.

Aaron: That doesn't give me enough information.

Bart: Interestingly the sum of their ages is the same as the address we had in Budapest.

Aaron: I'm sorry but I still don't know their ages.

Bart: My oldest has red hair.

Aaron: Ahhh, now I have it.

How old are Bart's children?

*Solutions should be submitted to Morgan Sherman:*

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*before next Friday. Those with correct and complete solutions will have their names listed in next week's email announcement. Anybody is welcome to make a submission.*