

Math Forum - Problem of the Week

The Math of the Irish

Sean's mother invited relatives to a St Patrick's Day dinner party. Sean used his new calculator to find that the mean (average) age of the 13 people sitting around the table was 27 years.



Uncle Paddy left the party early. Sean found that the mean age of the group then was 25 years.

How old was Uncle Paddy?

Explain how you solved the problem.

Extra: Sean was the youngest at the party. Once Uncle Paddy left, the ages of the 12 remaining people were consecutive even numbers. How old was Sean?

[Before you submit, read about our Scoring System](#)