

Straight's Problem of the Week

GRE 534 – November 17, 2008

*Complete problem solution must be submitted
on Monday, November 24, 2008*

Mark and Tracy are friends whose ages combined are forty-four years. Mark is twice as old as Tracy was when Mark was half as old as Tracy will be when Tracy is three times as old as Mark was when Mark was three times as old as Tracy. How old is Mark? Show and explain all work.