## inside + x = ÷ mathematics

## Inside Problem Solving

## Once Upon a Time

## Level C

I met a man who said, "If you can guess my age, I will pay you one dollar for each year that I have lived. I will also give you two hints. If you take my age and divide it by any odd number greater than 1 and less than 9, you will get a remainder of 1. But if you take my age and divide it by any even number greater than 1 and less than 9, you will not get a remainder of 1."

How much money could you earn?

Explain your solution and how you know it is the only correct answer.

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