

Puzzle *set by Rob Eastaway*

#42 The card conundrum

Carl scribbled down an equation that contained only numbers and the letter x on a scrap of paper and left it on a table.

$$\frac{X}{6} = 1 - \frac{(1-X)}{8}$$

Bob found the card and realised that this was just a straightforward algebra problem. "I've found the solution," he announced a minute later, dropping the card back on the table and leaving the room. Amy overheard him, walked over and picked up the card. After a while she announced: "That's strange, I've found TWO solutions."

Even stranger, Amy's solutions were both different to Bob's. What were the solutions that Bob and Amy found?