Three people on a trip stay at a hotel, and a room costs $30. They each pay $10 to the hotel manager. The manager realizes he made a mistake and tells the bell boy, "The room is only $25, please return this $5 to the three people."

The bell boy didn't know how to split the $5 among three people, so he keeps $2 to himself and gives the three people each $1. That means each of the three people actually only paid $9 each for the room.

But if the three people (each paying $9) only spent $27 total and the bell boy kept $2, that's only $29. Where did the extra dollar go?