

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?

