Three guests check into a hotel room.
The manager says the bill is $30, so each guest pays $10.
Later the manager realizes the bill should only have been $25.
To rectify this, he gives the bellhop $5 as five one-dollar bills to
return to the guests.

On the way to the guests' room to refund the money, the bellhop
realizes that he cannot equally divide the five one-dollar bills among
the three guests. As the guests aren't aware of the total of the
revised bill, the bellhop decides to just give each guest $1 back and
keep $2 as a tip for himself, and proceeds to do so.

As each guest got $1 back, each guest only paid $9, bringing the total paid to $27. The
bellhop kept $2, which when added to the $27, comes to $29. So if the guests originally
handed over $30, what happened to the remaining $1?