

Challenge Mathematics Problem

#3-6

The Smitty family deposited \$100 into an account and proceeded to make the following withdrawals:

Withdrawals	Balance
\$55	\$45
\$20	\$25
\$11	\$14
\$4	\$10
\$6	\$4
\$3	\$1
\$1	\$0
Totals: \$100	\$99

- Where did the dollar go? Who owes whom a dollar?
- What is the range of possible differences for the Totals?

Solutions are due by Friday, January 19 at 2pm.

** See the instructions for solution format and requirements!

- In particular, note that this is a competition and a challenge problem. Please do not ask for help from the Math Lab.

Access the Challenge Problems on the web:

<http://users.scc.spokane.edu/NDuvernay/>

or

<http://users.scc.spokane.edu/JFreudenthal/>

Top 2 students this quarter will receive an SCC sweatshirt!!

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