



VCTM 2019 Math Beauty Contest Problem for Above Algebra I

SOL: AII.4

During the summer Paul cut grass to earn money. He saved the money he earned because he wanted to buy a computer and a cell phone. He decided to count the money to see if he had enough to buy the computer and cell phone that would cost \$1500 altogether. People had paid him with \$1 bills, \$5 bills, \$10 bills and \$20 bills. He had 7 times as many \$1 bills as \$5 bills. He had 4 times as many \$10 bills as \$1 bills and \$5 bills combined. He had 2 times as many \$20 bills as \$10 bills. How much money did he have? Did he have enough money to buy the computer and cell phone?

We look forward to your entry. **Be sure to include a paragraph that fully explains your thinking.**

To enter the contest, write the following on your entry **and** two 3" x 5" index cards:

- Your name and address
- Phone
- Grade Level
- Email (if available)
- School name and address
- School phone

Mail your entry and the two cards to:

Connie Shepard
109 Whitehall Ct
Williamsburg, VA 23188

Entries must be postmarked by March 23, 2019.

Contact Brenda Barrow at themathlady@cox.net or call 757 – 617 - 0984 if you have questions. **Email is preferred. Please only use the phone number if you do not have access to email.**

Visit www.vctm.org for winners after April 30th.