



VCTM 2020 Math Beauty Contest Problem for Algebra I

SOL: A.4

Mark cashed a check for \$323.00. He asked the cashier for \$20 bills, \$10 bills, \$5 bills and \$1 bills. He got $\frac{1}{2}$ as many \$10 bills as \$20 bills and $\frac{1}{4}$ as many \$5 bills as \$20 bills and $\frac{2}{3}$ as many \$1 bills as \$20 bills. He put the 29 bills that the cashier gave him in his wallet. How many of each bill did Mark get from the cashier?

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:

Brenda Barrow
1311 E. Bayview Blvd
Norfolk, VA 23503

Entries must be postmarked by March 23, 2020.

See the official rules for more information. 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.