



VCTM 2019 Math Beauty Contest Problem for Grades 6 – 8

SOL: 6.6, 6.14, 7.3, 7.13, 8.4, 8.17

Many years ago, Bill went to the carnival at his school with his two brothers and two sisters. Bill's mother gave each of the 5 children some money to spend. She made small bags of money for each child. Each bag had the same amount of money and the same coins. There were an equal number of nickels and quarters in each bag. There were three times as many quarters as pennies and dimes combined in each bag. There were 2 more dimes than pennies in each bag. There were 70 coins in each bag. How many nickels were there? How many dimes were there? How many quarters were there? How many pennies were there? How much money did each child get in his or her bag? How much money did Bill's mother give away altogether?

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:

Alfreda Jernigan
PO Box 10727
Norfolk, VA 23513

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.