



VCTM 2020 Math Beauty Contest Problem for Above Algebra I

SOL: AII.4

Tom and his family went on a vacation. They drove a total of 1,500 miles. They traveled for 6 days. On the 2nd day they drove 1.5 times as many miles as they did on the first day. On the 3rd day they drove 1.25 as many miles as they did on the first day. On the 4th day they drove the same amount of miles as on the 3rd day. On the 5th day they drove $\frac{1}{3}$ as many miles as they did on the second day and on the 6th day they drove the same number of miles as day 2 and day 5 combined. How many miles did they drive each day?

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, 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.