



## VCTM 2019 Math Beauty Contest Problem for Algebra I

SOL: A.4

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Mary's family went on a vacation. They went to different places each day. The first 2 days they traveled the same number of miles each day. The 3rd day they traveled 2 times as many miles as the first 2 days combined. On the 4th day they traveled  $\frac{1}{2}$  as many miles as they did the first day. On the 5th day they traveled  $\frac{1}{5}$  as many miles as they had traveled on their first four days combined. They traveled a total of 390 miles on their 5 day trip. How many miles did they travel each day?

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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, 2019.**

Contact Brenda Barrow at [themathlady@cox.net](mailto: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](http://www.vctm.org) for winners after April 30<sup>th</sup>.