Quote of the month

"Quality is not an act, it is a habit."   **Aristotle**

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Problem of the Month

Why are some letter above the line, and the rest below the line?

A E F H I K L M N T V W X Z

B C D G J O P Q R S U

Please Visit metalwork.com/potm for all past problem of the month questions and answers.

Quiz of the Month

Name the one sport in which neither the spectators nor the participants know the score or the leader until the contest ends.

February's Quiz Answer

Bobby Hull and son Brett are the only father-son duo to each score 500+ career goals.

February's Problem Answer

There are two ways to find the solution. Use the logic of empirically substituting increasingly higher numbers until you get the result of having 1 orange left or use algebra and nail the solution the first time.

let x = amount of oranges that John started with so then:

$x - .5x - 1 = .5x - 1$ = oranges left after giving oranges to first friend

$.5(.5x-1) - 1 =$ final amount of oranges left after giving remaining oranges to second friend, the problem states that the final amount of oranges left is 1 orange so:

$.5(.5x-1) - 1 = 1$ $.25x - .5 - 1 = 1$ $.25x - 1.5 = 1$ $.25x = 2.5$ $x = 10$