



## March Part of the Month

[www.metalwork.com](http://www.metalwork.com)

102D Park Drive · Montgomeryville, PA 18936 · 215-654-7778 · Fax: 215-654-7779 · E-mail: [potm@metalwork.com](mailto:potm@metalwork.com)



**316L Stainless Steel Assembly for the Medical Industry**

**All CAD Formats Accepted**

**Including: dwg, dxf, sldrw, sldprt, sldasm, iges, step, Pro/E, ckd, prt, stl, CATIA 4/5, Unigraphics, Autodesk Inventor, Parasolid, Surface, ACIS SAT**

### Quote of the month

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

### Complete Assembly, Sheetmetal, Machined, and Welded Components

- Approved supplier to ISO9000 Certified Companies
- Quality Assurance To MIL-I-45208A
- Certified Welding to MIL-STD-1595A for process GTAW Group 1b, 1ia,
- 100% In-process Inspection
- Certified Inspection Reports

### 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](http://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:

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