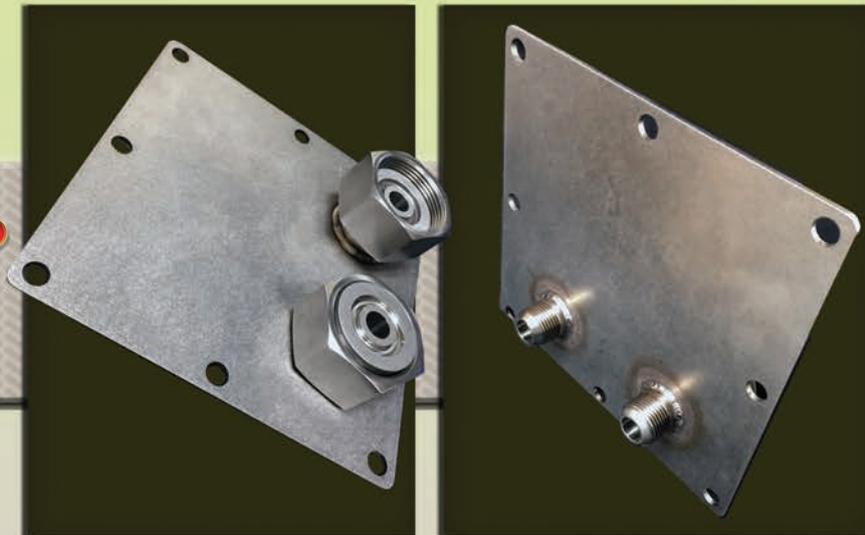




## The Marriage of Sheet Metal and Machining

One of the themes that we frequently touch on in the Featured Part is that here at Compucraft we have robust precision sheet metal and precision machining capabilities under one roof. September's Featured Part again falls in this category. The sheet metal plate is pretty straightforward, but the custom machined fittings showcase our CNC Lathe and CNC Vertical Milling Machine capabilities. Once our machine shop has made these items they meet up with the sheet metal cover plate in our welding department. Welding stainless steel can be tricky because of heat distortion of the metal, but by carefully pre-loading the pieces while clamping everything together, our expert welders were able to produce a part that easily met the flatness tolerance required by our customer.

## September Featured Part



### Did You Know?:

That on a hot day, drinking a hot beverage may help your body stay cool.

Apples are more effective than coffee at waking you up in the morning.

Laughing is good for the heart and can increase blood flow by 20 percent.

### Problem:

Can you identify the numbers missing in the Boxes ?

<input type="text"/>	+	<input type="text"/>	= 8
+		+	
<input type="text"/>	-	<input type="text"/>	= 6
13		8	

• Please be sure to check our website for answers to all previous months Problems and Quizzes! Go to [www.metalwork.com](http://www.metalwork.com) and click on Problem of the Month link.

### Quote:

“The worst thing about new books is that they keep us from reading the old ones.”

~ Joseph Joubert ~

## Complete Assembly, Sheet Metal, Machined and Welded Components.

- > ISO 9001 certified Quality Management System.
- > Certified Welding to MIL-STD-1595a for process DTAW Group 1b, 1ia.
- > 100% in-process inspection.
- > Certified inspection reports.

### All CAD Formats:

Solidworks (sldprt, sldasm), AutoCAD (dwg, dxf), Inventor, Pro/E, CATIA 4/5, Unigraphics, Parasolid, ACIS SAT, iges, step, ckd, prt, stl

[www.metalwork.com](http://www.metalwork.com)  
**Come Visit Us!**

102D Park Drive Montgomeryville, PA  
P: 215.654.7778 F: 215.654.7779  
E: [potm@metalwork.com](mailto:potm@metalwork.com)