Problem Solving Competition – Problem #3

- Your submission should contain a FULL solution. Not just the answer, but your entire argument.
- Submit solutions to Nancy in MCT 250, or Dr. Taylor in MCT 281.
- Questions?? Ask Dr. Taylor in MCT 281 or by email at pttaylor@ship.edu.
- Problems and occasional updates on solutions and winners will be posted at webspace.ship.edu/pttaylor/PSC/index.html

$$1\ 2\ 3\ 4\ 5\ 6\ 7\ 8\ 9\ = 100$$

Make a correct equation by inserting addition and subtraction signs on the left side of the equation. You can group digits to form larger numbers. For example, you could have something like $12 - 34 + 567 - 8 + 9$, except that totals 546, not 100. Remember, you must preserve the order of the digits on the left-hand side.

Solutions for this problem are due **Wed, October 19** at 4pm.

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