

Problem of the Week  
Due April 26

On April 12 of this year, the wind speed reached the highest speed ever recorded in the United States. At the Mount Washington Observatory in New Hampshire, weather observers Wendell Stevenson, Alexander McKenzie, and Salvatore Pagliuca observed and recorded gusts over 231 miles per hour.

- The two-digit number formed by my tens and units digits is equal to  $t$  in this equation:  
$$\frac{1}{2}t + 9 = t - 8.$$
- My hundreds digit is 300% of my tens digit.
- The sum of all of my digits is the seventh prime number.

What year am I?