

Problem of the Week

Due 1/11/13

The first woman United States senator, Hattie Caraway, was elected from the state of Arkansas in this year. Solve the puzzle to learn the year.

- The two-digit number formed by my tens and units digits is equal to the fifth power of 2.
- My hundreds digit is equal to z in this equation $(4z + 8)/2 = 22$
- The sum of all of my digits is equal to the sum of the first five counting numbers.

What year am I?