

Problem of the Week #5 (Spring 2023)

Find every positive integer that equals four times the sum of its dig	its.
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[Please fully explain your answer.]

Email solutions to kwonmi@uwplatt.edu by 2:00pm on Wednesday, March 1, 2023.

Every week, the best solution submitted earns a \$10 Platteville gift certificate; the top scorer each semester also wins a cash award. Good luck!
You can always see the Problem of the Week (and complete rules) online at:

http://uwpmath.weebly.com/