Problem of the Week #7
(Fall 2018)

An even number of students took a quiz. Every student's score was an integer, every integer from the lowest score to the highest occurred at least once, and the average score was exactly 8.2. Show that the students can be split into two groups of the same size with the same average score.

[Please fully explain your answer.]

Solutions should be submitted to Cinda Furry, in Gardner Hall 435, by 4:00 P.M. on Wednesday, October 31, 2018.

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/