PROBLEM OF THE WEEK #4
(Fall 2021)

Aundra and her husband Dennis go to a get-together with four other couples. Each person there shakes hands with everyone he or she doesn't already know (and no one else). Later, Dennis surveys the nine other guests (besides himself) and learns that each of them shook hands with a different number of people.
How many people did Aundra shake hands with?

[Please fully explain your answer.]

Email solutions to `kwonmi@uwplatt.edu` by 2:00pm on Wednesday, October 13, 2021.

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/`