PROBLEM OF THE WEEK #1
(Fall 2018)

Every day, I drive from my house to the middle school. I get there at exactly 4:00, pick up my waiting daughter, and drive back home.

One day, my daughter got out of school unexpectedly at 3:30 and started to walk home. I left at the usual time and met her along the way. We drove straight back home, and got there 10 minutes earlier than usual.

How long did my daughter spend walking?

[Please fully explain your answer.]

Solutions should be submitted to Cinda Furry, in Gardner Hall 435, by 4:00 P.M. on Wednesday, September 19, 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/`