



UNIVERSITY OF WISCONSIN
PLATTEVILLE
DEPARTMENT OF MATHEMATICS

PROBLEM OF THE WEEK #9
(Fall 2020)

Find all right triangles that have a side of length 10 and two other sides with integer lengths.

[Please fully explain your answer.]

Email your solution to kwonmi@uwplatt.edu by 4:00 P.M. on Wednesday, November 18, 2020.

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/>