

Problem of the Week #4 (Spring 2020)

Give a	trigonom	etry-free	${\it description}$	of the	triples	(A, B, C)	for	which

 $\tan A + \tan B + \tan C = \tan A \tan B \tan C$.

[Please fully explain your answer.]

Solutions should be submitted to Cinda Furry, in Gardner Hall 435, by 4:00 P.M. on Wednesday, March $4,\ 2020$.

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/