



UNIVERSITY OF WISCONSIN
PLATTEVILLE
DEPARTMENT OF MATHEMATICS

PROBLEM OF THE WEEK #5
(Fall 2018)

In the division problem shown below, each X stands for a digit other than 1 or 5. Reconstruct the entire problem.

$$\begin{array}{r} \\ 135 \overline{) } \\ \underline{X } \\ \\ \\ \\ \end{array}$$

[Please fully explain your answer.]

Solutions should be submitted to Cinda Furry, in Gardner Hall 435, by 4:00 P.M. on Wednesday, October 17, 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/>