Pi Mu Epsilon Problem of the Month
February 2019

Consider collections of five (perhaps non-distinct) positive integers. Find the number of such collections where the mean, the median, and the mode are all equal to 7.

Problem of the Month Rules:
- ⌘ Submissions must include a complete mathematical justification along with the answer.
- ⌘ Submissions may only be made by individuals or groups of two and must be dated.
- ⌘ Due date: February 25, 2019 before 5 p.m.; they may be given to Dr. Phillip Poplin or Dr. David Shoenthal.

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