



M, M and M GAME

<https://aiminghigh.aimssec.ac.za/m-m-and-m-game/>

RULES OF THE MMM GAME

1. One player thinks of any 5 positive numbers and **tells the rest of the players their mean, median and mode.**
2. The players are given 2 minutes to find sets of 5 numbers with the given mean, median & mode.
3. Each round players score a point for each solution they have found. A given mean, median and mode may relate to many sets of 5 numbers or only a few. **Example: With a mean of 7, a median of 6 and a mode of 5 there are just three uni-modal solutions and one bi-modal solution:**

5, 5, 6, 7, 12

5, 5, 6, 8, 11

5, 5, 6, 9, 10

and 5, 5, 6, 6, 13