Problem Solving Competition – Problem #4

- Your submission should contain a FULL solution. Not just the answer, but your entire argument.
- Submit solutions to Dr. Taylor in MCT 281.
- Questions?? Ask Dr. Taylor in MCT 281 or by email at pttaylor@ship.edu.
- Problems and occasional updates on solutions and winners will be posted at webspace.ship.edu/pttaylor/PSC/index.html

The set S consists of 9 distinct positive integers. The average of the two smallest integers in S is 5. The average of the two largest integers in S is 22. What is the greatest possible average of all of the integers of S?

Solutions for this problem are due **Wed, November 2** at 4pm.

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