

Name: _____

CWID: _____

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Math Question of the Week

Week 13

Please complete the problem and show your work on THIS paper. You may submit your solution by Friday 11/22 at 5 pm in the MATH OFFICE (BIN 305) or to MathEvents@tamuc.edu

The third perfect number is given by the sum of the smallest four consecutive odd integers for which the first is a perfect square; the second, a multiple of three; the third, a perfect cube; and the fourth, a prime. What is the third perfect number?