

Name: \_\_\_\_\_

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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 4/19 at 5 pm in the MATH OFFICE (BIN 305) or to [math@tamuc.edu](mailto:math@tamuc.edu)

For which positive integers  $n$  is it true that  $3n - 7$  divides  $5n + 3$ ?