

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 4/18 at 5 pm in the MATH OFFICE (BIN 305) or to MathEvents@tamuc.edu

Suppose that n^* means $1/n$, the reciprocal of n . For example $5^*=1/5$. Which of the following statements are true?

- a. $3^* + 6^* = 9^*$
- b. $6^* - 4^* = 2^*$
- c. $2^* \cdot 6^* = 12^*$
- d. $10^* \div 2^* = 5^*$