

# Math 1513 - College Algebra

## Written Assignment 1 - Due 2019.01.20

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Directions: Please answer the following question in complete sentences and show ALL work. Be sure to label all geometric objects in any illustrations. I will accept an answer in a scanned image format, as a pdf, or sent from your awesome picture phone. Do NOT send a Microsoft Word document, and be sure to submit your work through BlackBoard.

Question: Historically speaking, several attempts have been made to create 'metric time' using factors of 10, but our current system won out. If 1 day was 10 metric hours, 1 metric hour was 10 metric minutes, and 1 metric minute was 10 metric seconds, what time would it really be if a metric clock reads 2:9:1? Similarly, convert 8:21:16 P.M. to metric time. You may assume that each new day starts at midnight.