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Medgar Evers College – Mathematics  
**Linear Algebra 1**  
MTH 207, Fall 2017  
Instructor: Bart Van Steirteghem

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**Written Assignment. Due at the start of class on Wednesday, November 29**

Neatly write your answers to the following questions on lined paper, and staple them behind this sheet.

1. *Your version* of Problem 12 on WeBWorK Set 08. Show your work and make sure it justifies your answer. If you use Sage for any part, then attach the program you used and its output, and state how it justifies your answer.
2. Exercise 2.40 on page 100 of the textbook<sup>1</sup>. You may use the examples given on page 79 of the book's solutions manual<sup>2</sup> for inspiration, but the examples you give as your answer should be different from those.

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<sup>1</sup><http://joshua.smcvt.edu/linearalgebra/book.pdf>

<sup>2</sup><http://joshua.smcvt.edu/linearalgebra/jhanswer.pdf>