MATH3200: APPLIED LINEAR ALGEBRA
PRACTICE MODULE 1: EXAMPLES OF MATRICES

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Consider the following matrix:
$$\mathbf{A} = \begin{bmatrix} 2 & 7 \\ 3 & 11 \\ 5 & 13 \end{bmatrix}$$

Question 1.1: What is the order of $\mathbf{A}$?

Question 1.2: What are the dimensions of $\mathbf{A}$?

Question 1.3: What is a_{12}?

Question 1.4: What is a_{21}?

Question 1.5: What is a_{31}?

Question 1.6: What is a_{13}?

Question 1.7: Consider the matrix [This is a matrix] whose entries are English words. What is its order?

Question 1.8: Now consider the matrix [T h i s i s a m a t r i x] whose entries are letters. What are its dimensions?