

Solutions to True/False HW Questions, Week 1

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- (a) False: the RREF is unique
- (b) False. Row reduction makes sense for any matrix
- (c) False. Here “basic” means “dependent”.
- (d) True.
- (e) False.

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- (a) False
- (b) False
- (c) True
- (d) True
- (e) False; for example, the span could be a line if \mathbf{u}, \mathbf{v} are linearly dependent.