

# HW2

Graph Theory (Fall 2019)  
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Due: Tuesday, October 1, 2019, in class

1. Do problems 1.25, 1.26 (show that  $G$  is bipartite), 1.28 (and also say which of the 4 graphs you drew is bipartite), 4.7 (upto isomorphism), 4.8, 4.9, 4.16, 4.17, 6.1, 6.2, 6.4, 6.8

Note: order of a graph is the number of vertices, size of a graph is the number of edges.