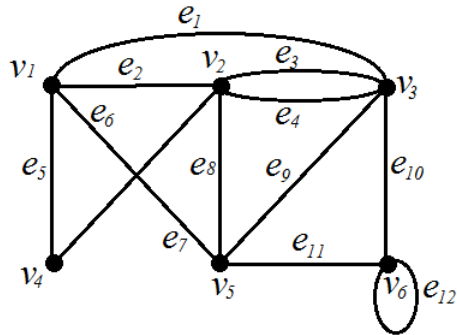


Math 270 - Basic Discrete Mathematics
Practice Quiz on Section 1.4

Directions: Answer the problems given below.

1. Use the graph G given below to answer parts a.-d..



a. How many edges does G have? _____

b. List all parallel edges of G , if any exist: _____

c. Identify all loops of G , if any exist: _____

d. Find the degrees of all of the vertices:

$\deg(v_1) =$ _____

$\deg(v_4) =$ _____

$\deg(v_2) =$ _____

$\deg(v_5) =$ _____

$\deg(v_3) =$ _____

$\deg(v_6) =$ _____