Problem Sets

Graph Theory - MATH 247

October 20, 2017

1. Due Friday, 9/15
   Turn in: Section 1.1 numbers 5, 7, 10, 12
   Also do: Section 1.1 numbers 3, 6, 9, 13, 18, 29, 33, 36

2. Due Friday, 9/22
   Turn in: Section 1.2 numbers 2, 6, 16, 33
   Also do: Section 1.2 numbers 1, 8, 9, 20, 24

3. Due Monday 10/2
   Turn in Section 1.3 numbers 3, 10, 12, 21, 57
   Also do: Section 1.3 numbers 1, 8(a), 8(b), 14, 42, 58

4. Not collected, but consider ahead of exam on Thursday
   Section 1.4 numbers 3, 5, 8, 19, 36
   Also do: Section 1.4 number 2, 6, 26, 32

5. Due Monday 10/16
   Give two questions of your own making that arise as the result of Friday’s discussion
   about distance, diameter, radius and eccentricity.

6. Due Friday 10/27
   Turn in your favorite from this list (and the others become ”also do”) Section 2.1
   numbers 4, 13, 21, 47 and Section 2.2 numbers 10, 23, 29
   Also do: Section 2.1 numbers 1, 2, 12, 24, 28 and Section 2.2 numbers 1, 2, 5, 7, 20
   and (simply) read 35