

### Attendance Quiz for Lecture 3

NAME: (print!) \_\_\_\_\_

E-MAIL ADDRESS: (print!) \_\_\_\_\_

1. How many edges are there in each of the following graphs

(i)  $K_{13}$     (ii)  $K_{11,13}$     (iii)  $Q_{10}$     (iv)  $W_{1001}$

2. Draw the **complete tripartite graph**  $K_{2,2,3}$

3. Find the number of edges of  $K_{a,b,c}$ , where  $a, b, c$  are positive integers.