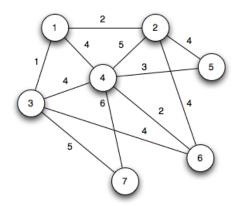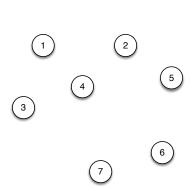Prim's algorithm - with starting v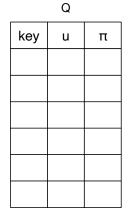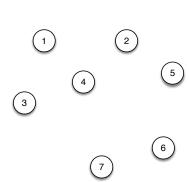ertex 1 and ordering edge pairs with the lower vertex first. Show the queue and tree at each step along with the edge that is added.

Q

key	u	π

Q

key	u	π

Q

key	u	π

Q

key	u	π

Q

key	u	π

Q

key	u	π

Q

key	u	π

Q

key	u	π