

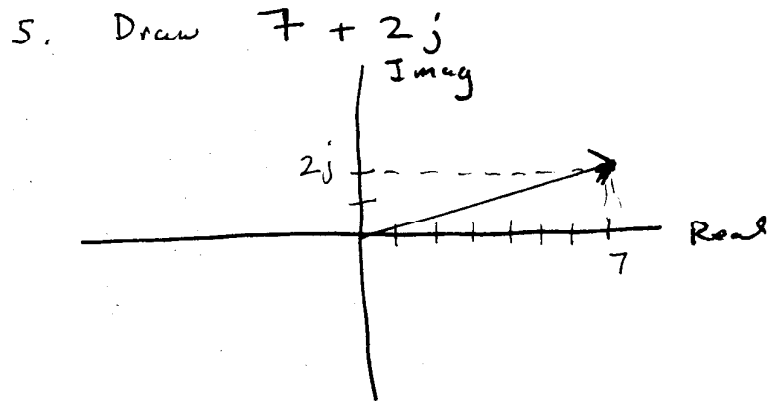
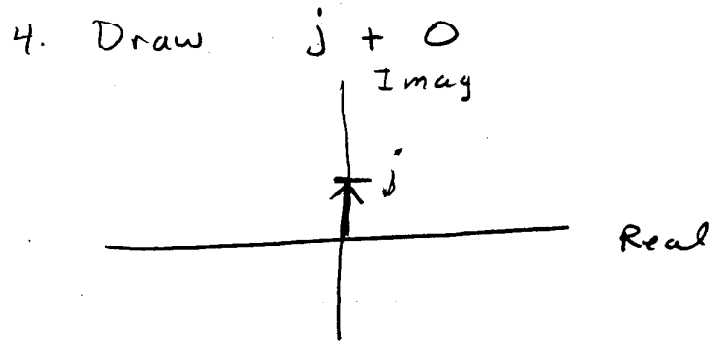
KEY

ECE 365 s/s '00 QUIZ #1

1.  $-3 - 2j =$
- a)  $12.37 \angle 75.96^\circ$
  - b)  $1.5 \angle 75.96^\circ$
  - c)  $12.37 \angle -123.69^\circ$
  - d) None of the above

2.  $3e^{j50^\circ} =$
- a)  $1.93 + j2.30$
  - b)  $2.89 - j0.79$
  - c)  $2.30 + j1.93$
  - d) None of the above

3.  $(j+7) / e^{j10^\circ} =$
- a)  $6.72 + j2.24$
  - b)  $6.02 + j0.83$
  - c)  $7.07 - j0.23$
  - d) None of the above



Name:  
Honor Code: