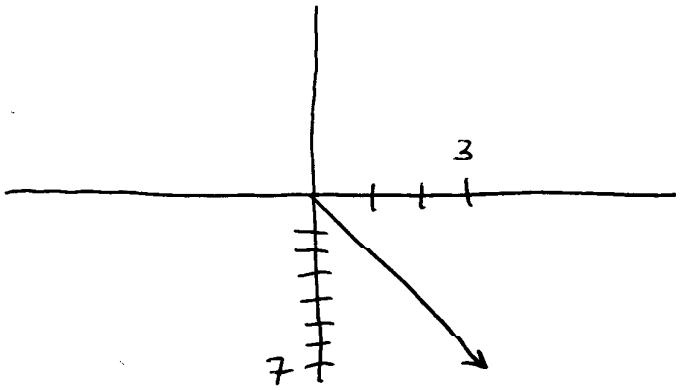
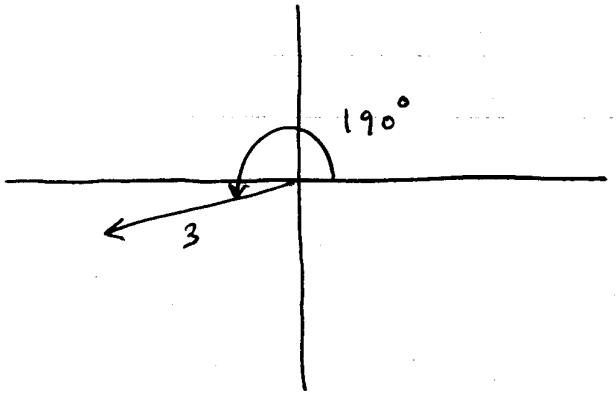
ECE 365 - Quiz 1
KEY

1. $+8+3j =$
   a) $8.544\,e^{j89.440°}$
   b) $8.544\,e^{j69.440°}$
   (c) $8.544\,e^{j20.556°}$
   d) $8.544\,e^{-j110.556°}$

2. $7e^{j52°} =$
   (a) $4.31+j5.52$
   b) $-1.14+j6.91$
   c) $4.31-j5.52$
   d) $-1.14-j6.91$

3. $2e^{j70°}+(-3+2j) =$
   a) $3.68+j0.12$
   (b) $-2.32+j3.88$
   c) $-3.89+j3.79$
   d) $-1.73+j3.55$

4. Draw $3-7j$



5. Draw $-3e^{j10°}$