***Problem Set 3.4***

**1.) Sketch the following angles in standard position. Then convert the degree measures into radian measures.**

a) 300o b) -120o

c) 200 d) -72o

e) 150o f) 240o

**2.) Sketch the following angles in standard position. Then convert the radian measures into degree measures.**

a) b)

c) - d)

e) f)

**3.) Sketch the given angle. Then give three coterminal angles (one must be negative).**

a) b) c)

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d) e) f)

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**4.) Sketch the given angle. Then give its reference angle.**

a) b)

Reference Angle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reference Angle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) d)

Reference Angle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reference Angle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_