Math 30-1

Trig 2

LESSON 1 ASSIGNMENT

1. What is the amplitude of each function?

a)  b) 

c)  d) 

e)  f) 

g)  h) 

i)  j) 

2. Find the period, in degrees, of each function.

a)  b) 

c)  d) 

e)  f) 

g)  h) 

i)  j) 

3. Determine the amplitude and the period in radians of each function.

a)  b) 

c)  d) 

e)  f) 

g)  h) 

i)  j) 

4. Write an equation of the cosine function with the given characteristics.

a) amplitude , period

b) amplitude 3, period 

c) amplitude 7, period 150o

d) amplitude 0.5, period 720o

e) amplitude 2.8, period 90o

5. Write an equation of the sine function with the given characteristics.

a) amplitude 6, period 180o

b) amplitude 0.4, period 45o

c) amplitude 15, period 

d) amplitude 2.8, period 60o