1) Find the exact value of the sine, cosine, and tangent of the number, without using a calculator.  -13π/4

sin (-13π/4) =

cos (-13π/4) =

tan (-13π/4) =

2) Find sin (t), cos (t), tan (t) when the terminal side of an angle of t radians in standard position passes through the given point. (-2,7)

sin (t) =

cos (t) =

tan (t) =

3) State the amplitude, period, and phase shift of the function.

h(t)= -5cos(2t-π/9)

(amplitude)=

(period)=

(phase shift)=

4) If an investment of $2000 grows to $2621.59 in four years with interest compounded annually, what is the interest rate? (Round your answer to one decimal place.)

\_\_\_\_\_\_%