Trigonometry Cover Page; What I know and can do

Question	First Day	Last Day
What is a radian?		
If $\theta = \frac{11\pi}{6}$ what are the 6 trig ratios? (*solving*)		
What is a sinusoidal function?		
What is the amplitude and period of the functions: $$g_k(x) = 5f_k\left(\frac{\pi}{3}(x-1)\right) + 2$$ Given $f_1(x) = \sin x$ and $f_2(x) = \tan x$ (*reasoning*)		
What is the domain of the inverse trig functions?		

Determine the solution to

$$4 = 7\cos\left(3\left(x + \frac{\pi}{12}\right)\right) - 1$$

(solving)

Why is solving trig equations with sine more involved than solving trig equations with tangent or cosine?

(communication)