<u>Solving Trig Equations</u>

<u>Review on Voltage</u>

1. v(t)=120sin(100πt)   t= 0.0025 seconds

2. v(t)=170cos(377t+30∘) $t = 0.002$ seconds

3. Given that Cos(s)= 4/6 in Q4 and Sin(t) = - 4/5 in Q3 what is Cos (s + t).

<u>Solving Trig Equations</u>

1. $6\tan x = 2\sqrt{3}$

2. $-4 + 5\cos x = -7 + 2\cos x$

3. $\cos^2 x \sin^2 x = -\cos^2 x$

4. $\csc^2 x + 1 = 2\csc x$

5. $\sqrt{3}\csc^2 x - 2\csc x - 2\sqrt{3}\csc x + 4 = 0$