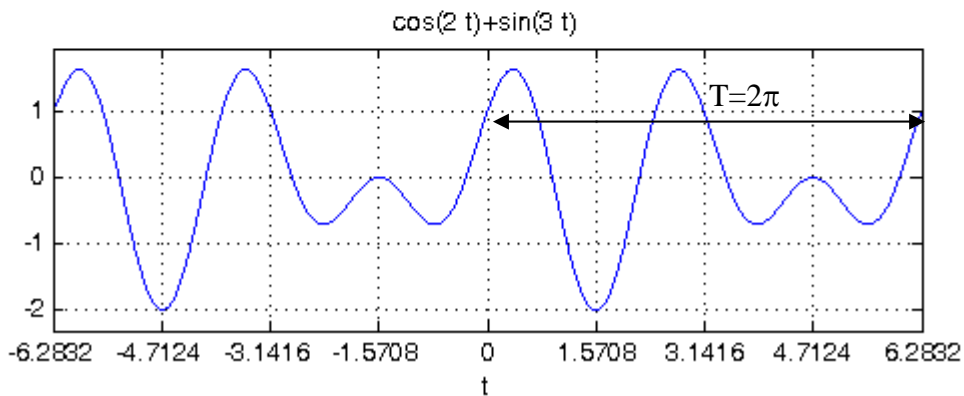
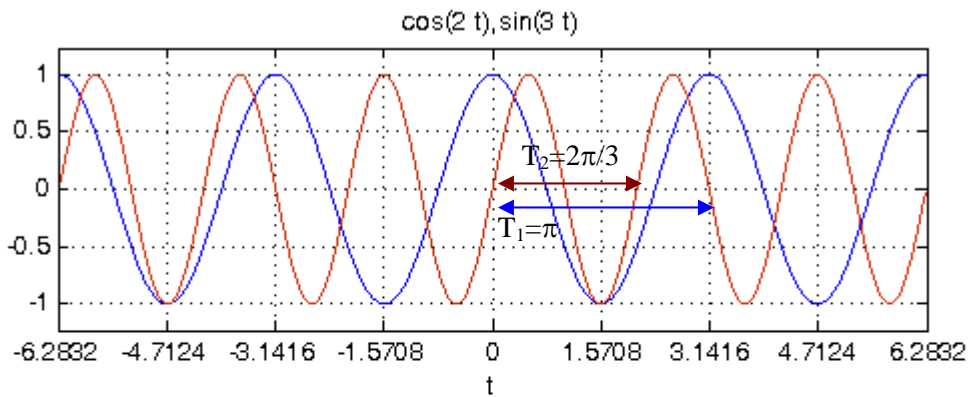
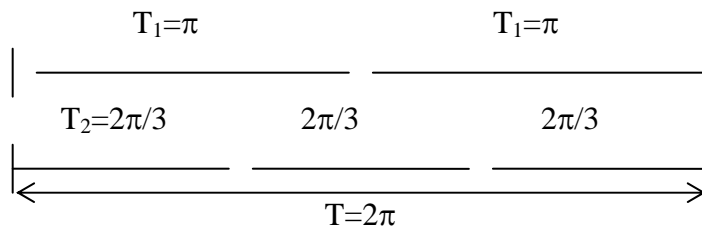


Problem 1e) $x(t) = \cos(2t) + \sin(3t)$



Matlab routine:

```
fh1 = @(t) cos(2*t); fh2 = @(t) sin(3*t); fh = @(t) cos(2*t)+sin(3*t);

figure,
subplot(211), ezplot(fh1); hold on, ezplot(fh2), hold off,
grid on;
set(gca, 'XTick', -2*pi:pi/2:2*pi);
title('{cos}({2} {t}), {sin}({3} {t})');

subplot(212), ezplot(fh); grid on;
set(gca, 'XTick', -2*pi:pi/2:2*pi);
```