X(t Q2)

X(t/3) Q2

Command Window

```
>> %% ********** Q2 *********
t = 0:0.1:1;
x_t = t;
x_t3 = t/3;
subplot(2,1,1)
plot(t,x_t);
title('X(t Q2)');
xlabel('t');
grid on;
subplot(2,1,2)
plot(t,x_t3);
title('X(t/3) Q2');
xlabel('t');
grid on;

% x(t) is compressed by 1/3 on the y-axis
```