%% Question 1

syms s; % define s as a symbolic variable

X=(6/((s^2+9)\*(s^2+4\*s+6)))+s+3.5;

x=ilaplace(X);

pretty(x)

Question 3

Question 6

(1)

(2)

Let z1 = ia

Z2 =

We will have (with

Question 9

With a = 0.12

With a)

With b)