

---

```
syms x y z
[x y z]= solve (x-y-8 , x+5*z-2 , x+3*y-z-1)
```

```
x =
```

```
127/21
```

```
y =
```

```
-41/21
```

```
z =
```

```
-17/21
```

```
P=[1 -1 3]
question2_sol = roots(P)
```

```
P =
```

```
1 -1 3
```

```
question2_sol =
```

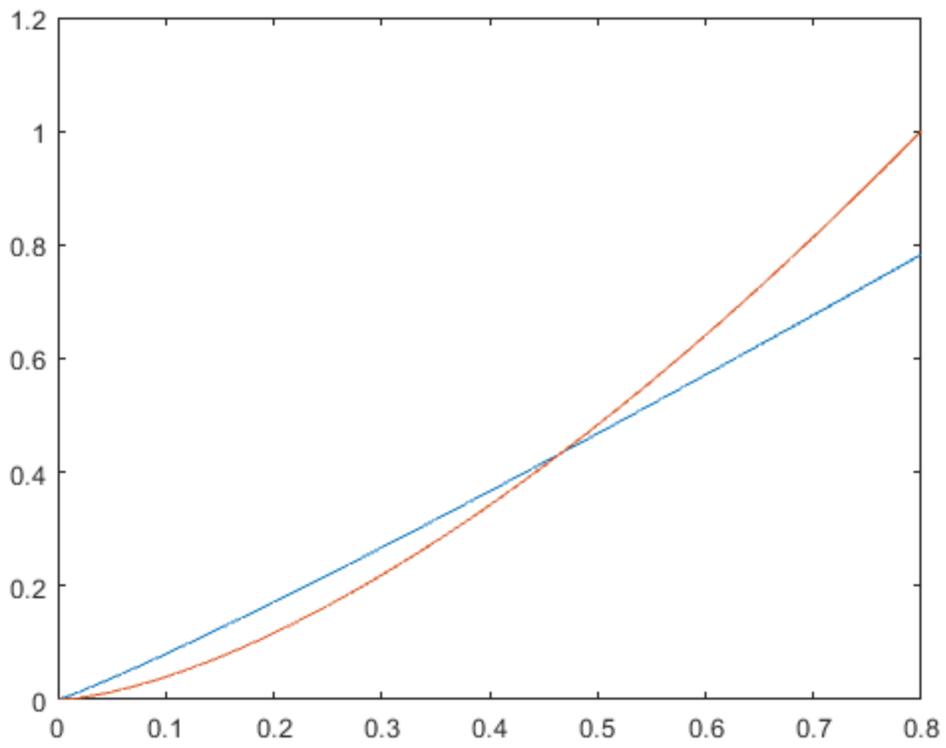
```
0.5000 + 1.6583i
```

```
0.5000 - 1.6583i
```

```
t=0:0.01:0.8;
```

```
for k = [1 2]
    x = sqrt(k)*t.^sqrt(1.2*k);
    plot(t,x)
    hold on
end
```

```
end
```



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