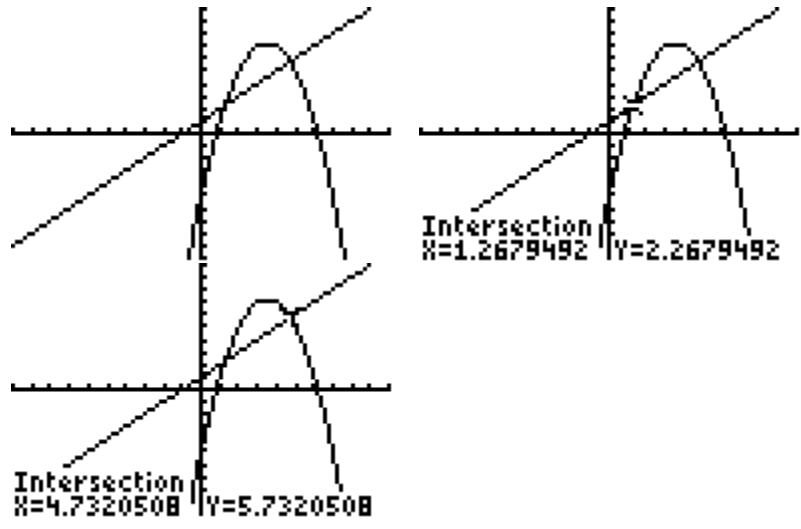


Solve the following equations using the ~ . .

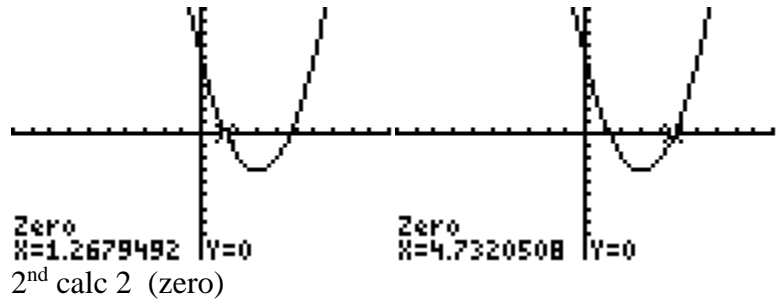
Round your solutions to the **nearest thousands**. (you can use the zero method or intersect method)

1. $x+1 = -x^2 + 7x - 5$



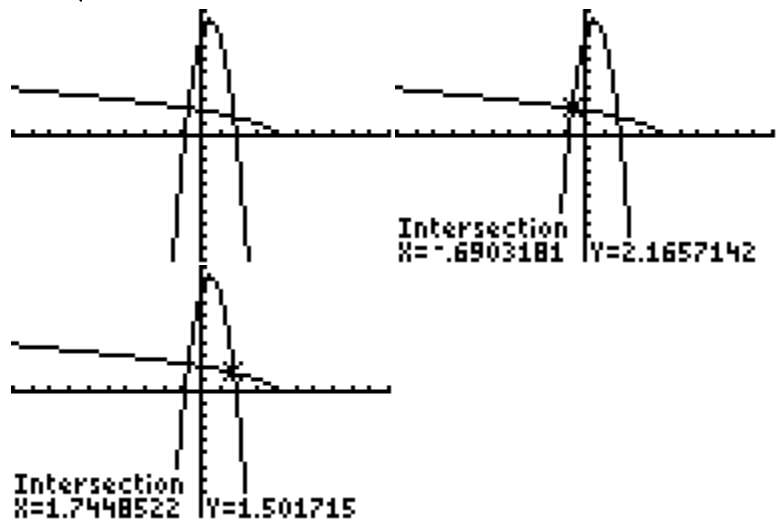
2nd calc 5 (intersect)

OR $x^2 - 6x + 6 = 0$

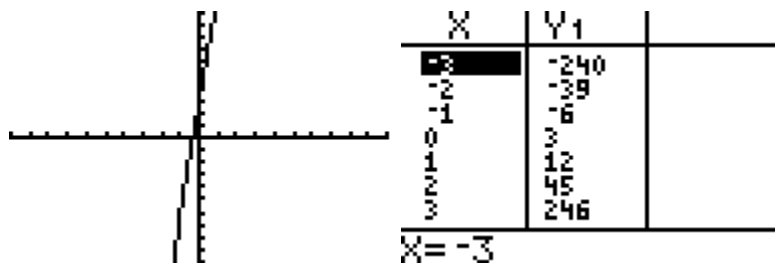


2nd calc 2 (zero)

4. $\sqrt{-x+4} = -5x^2 + 5x + 8$

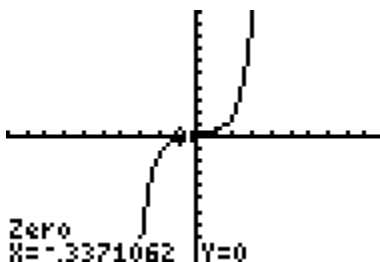


8. $x^5 + 4 = x^3 - 9x + 1$ used 0 method
 Looked at 2nd table to see an idea for window.



```

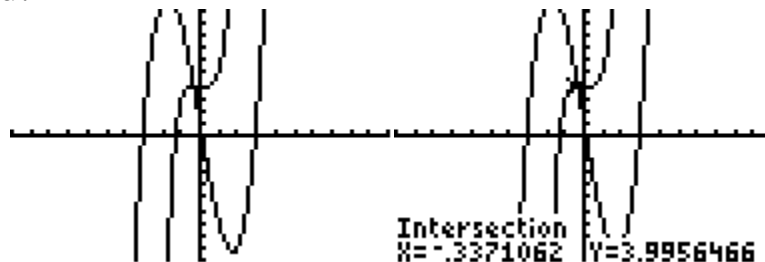
WINDOW
Xmin=-10
Xmax=10
Xscl=1
Ymin=-250
Ymax=250
Yscl=25
Xres=1
  
```



Intersect method:

```

Plot1 Plot2 Plot3
Y1=X^5+4
Y2=X^3-9X+1
Y3=
Y4=
Y5=
Y6=
Y7=
  
```



Answers:

1. 1.268; 4.732
2. -1.350; .922; 6.429
3. -2.343; -.471; 1.814
4. -.690; 1.745
5. -.226; 1.255
6. -1.231; .124; 1.307
7. -1.740; -.123; 1.626
8. -.337