

Solve the following equations using the - . .  
Round your solutions to the **nearest thousands**. ( you can use the zero method or intersect method )

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

2.  $0.5x^3 + x^2 - 1 = 4x^2 + 2x - 5$

3.  $x^3 + x^2 - 1 = 4x + 1$

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

5.  $-5x^2 + 5x + 3 = \sqrt[3]{-x+4}$

6.  $-x^2 + 4 = -5x^3 + 8x + 3$

7.  $x^2 - 8x + 3 = -x^5 + 4$

8.  $x^5 + 4 = x^3 - 9x + 1$

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