Honors Algebra 2 Trig Extra Credit

$f(x)=x^2-x+1$ $g(x)=3x+1$ $h(x)=-2x$

Solve the following problem on a separate sheet of paper and SHOW ALL WORK!

$$f(g(h(h(g(f(g(f(h(x)))))))))$$

If you did it correctly, your answer should look something like this...

___x^8 +___x^7 +___x^6 +___x^5 +___x^4 +___x^3 +___x^2 +___x +___

Fill in the blanks above - IN ORDER - with the appropriate letter/number below

32238973	→ p	39320640	→ 6
1943202	→ l (lower case L)	2438295	→ K
23089521	→ c	60466176	→ b
9784324	→ Q	89203452	→ U
1453032	→ D	6437664	→ b
32864311	→ m	28465924	→ Y
1592745	→ v	89348931	→ 7
23794312	→ 5	19471451	→ J
12313562	→ B	18045504	→ o (lower case O)
26873856	→ 8	53781255	→ g
34923463	→ X	57103424	→ t
5943423	→ 4	9823578	→ R
71663616	→ O (capital O)	3294248	→ 9
230881	→ M	22582952	→ h
77332421	→ I (capital I)	53747712	→ Q
9847525	→ z	5884023	→ n

Now put those letters/numbers - IN THE SAME ORDER - in the blanks below...

http://youtu.be/-Z __ __ __ __ __ __ __ __ __

Go to the website and follow the instructions :)