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<script type="text/javascript">

function quad(){

var a=document.getElementById("av").value;

var b=document.getElementById("bv").value;

var c=document.getElementById("cv").value;

var d=(Math.pow(b,2)-(4*a*c));

var x1=(-b + Math.sqrt(d)) / (2*a);

var x2=(-b - Math.sqrt(d)) / (2*a);

document.getElementById("r1").value=x1;

document.getElementById("r2").value=x2;

if(document.getElementById("r1").value == "NaN")

document.getElementById("r1").value="imag";

if(document.getElementById("r2").value == "NaN")

document.getElementById("r2").value="imag";}

var check=true;

function isNumberKey(id)

{var no=eval(""+id+"");var number=

document.getElementById(no).value;if(number.length==1){

check=true;}if(number.length>1){

var dd = number;

if(dd.substring(dd.length,(dd.length-1))=='-'){

if(check){

check=false;}

else{

dd = dd.substring(0,(dd.length-1));

document.getElementById(no).value = dd;}

}}if(!number.match(/^[0-9-]+$/) && number

!=""){ document.getElementById(id).value="";document.getElementById(id).focus();} else{

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var dd = number;if(dd.substring(dd.length,(dd.length-1))=='-'){
if(check){
check=false;}
else{
document.getElementById(id).value="";
document.getElementById(id).focus();} } }
</script>

<form name="qfrm"><table><tr>

<td><input type="text" name="av" id="av" size="3"
onkeyup="isNumberKey(this.id)">x<sup>2</sup>+</td>

<td><input type="text" name="bv" id="bv" size="3"
onkeyup="isNumberKey(this.id)">x</td>

<td><input type="text" name="cv" id="cv" size="3"
onkeyup="isNumberKey(this.id)"></td></tr>

<tr rowspan="2"><td colspan="3" align="center"><input type="button" value="Calculate"
onclick="quad()"></td></tr>

</table><table>

<tr rowspan="2"><td colspan="3" align="center">Result</td></tr>

<tr><td>Root 1<input type="text" name="r1" id="r1" size="10" readonly></td>

<td>Root 2<input type="text" name="r2" id="r2" size="10" readonly></td></tr>

</table></form>

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