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Disp "Note:"
Disp "Prgrm Uses L3, L4, and L5"
Input "A ",X
Input "B ",Y
Input "C ",Z

Ø→E
abs(X)→F
prgmFACTOR
--uses the FACTOR program to make a list of integer
factors
--Putting Ø in E means the list is stored in L4

1→E
abs(Z)→F
prgmFACTOR
1→W
--uses the FACTOR program to make a list of integer
factors
--Putting 1 in E means the list is stored in L5

If Y<Ø and Z>Ø
-1→W
--This means that

If 1=1
Then
For(D,1,M)
L4(D)→G
X/G→H
For(A,1,L)
L5(A)→I
Z/I→J
If W=-1
Then
-I→I
-J→J
End
I*G→B
J*H→C
If B+C=Y
Goto D
End
End
Disp "Factors not found","Solution"
Disp  $(-Y+\sqrt{Y^2-4XZ})/2X, (-Y-\sqrt{Y^2-4XZ})/2X$ 
Stop
Lbl D

```

