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1: Lbl S
2: ClrHome
3: Disp "aX +bY = c"
4: Input "A: ",A
5: Input "B: ",B
6: Input "C: ",C
7: A→Z
8: prgmTOSTR
9: Str9+"X + "→Str1
10: B→Z
11: prgmTOSTR
12: Str1+Str9+"Y = "→Str1
13: C→Z
14: prgmTOSTR
15: Str1+Str9→Str2
16: If B<0
17: Then
18: -B→B
19: -C→C
20: -A→A
21: End
22: Disp Str2
23: -10→E
24: Lbl T
25: (C-A*E)/B→Y
26: If fPart(Y)≠0
27: Then
28: E+1→E
29: Goto T
30: End
31: 0→I
32: Lbl M
33: I+1→I
34: E→Z
35: prgmTOSTR
36: "("+Str9+"", "→Str1
37: Y→Z
38: prgmTOSTR
39: Str1+Str9+"")"→Str1
40: Disp Str1
41: If I=5
42: Then
43: Lbl N
44: Input "1=MORE 2=NEW 3=END",D
45: If D=2
46: Then
47: Goto S
48: End
49: If D=3
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50: Then  
51: Stop  
52: End  
53: If  $D \neq 1$   
54: Then  
55: Goto N  
56: End  
57:  $\emptyset \rightarrow I$   
58: End  
59:  $E+B \rightarrow E$   
60:  $Y-A \rightarrow Y$   
61: Goto M