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1: Disp "TRUNCATED", "TRIANGULAR", "ROOM:"
2: Disp "UPPER CORNER 1"
3: Disp "DIAGNOSTIC", "OUTPUT"
4: Input "1=YES OTHER=NO", Q
5: Input "X=", A
6: Input "Z=", D
7: 10→U
8: Disp "UPPER CORNER 2"
9: Input "Y=", B
10: Input "Z=", E
11: 0→F
12: 0→G
13: 1→P
14: U+1→dim(L1)
15: U+1→dim(L2)
16: U+1→dim(L3)
17: U+1→dim(L4)
18: Lbl 10
19: 0→M
20: 0→W
21: Disp "START PASS ", P
22: If Q=1
23: Then
24: Disp "LOOK FROM"
25: Disp A, F, D
26: Pause "T0"
27: Disp G, B, E
28: Pause "GO?"
29: End
30: For(I, 1, U+1)
31: I-1→J
32: A+(G-A)/U*J→X
33: F+(B-F)/U*J→Y
34: D+(E-D)/U*J→Z
35: X*Y*Z→V
36: X→L1(I)
37: Y→L2(I)
38: Z→L3(I)
39: V→L4(I)
40: If V>M
41: Then
42: V→M
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43: I→W
44: If Q=1
45: Then
46: Disp "NEW MAX ",I,X,Y,Z,V
47: Pause W
48: End
49: End
50: End
51: Disp "MAX FOUND AT",W
52: Disp "X=",L1(W)
53: Disp "Y=",L2(W)
54: Pause "Z="
55: Disp L3(W)
56: Disp "VOLUME=",L4(W)
57: Pause L4
58: 1→R
59: 1→S
60: If (W=1)
61: Ø→R
62: If (W=U+1)
63: Ø→S
64: L1(W-R)→A
65: L2(W-R)→F
66: L2(W+S)→B
67: L1(W+S)→G
68: L3(W-R)→D
69: L3(W+S)→E
70: P+1→P
71: Goto 1Ø
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