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1: Disp "SPHERE GIVEN","ENDPOINTS OF","DIAMETER"  
2: Disp "ENTER TWO POINTS","(A,B,C) (D,E,F)"  
3: Prompt A,B,C,D,E,F  
4:  $(A+D)/2 \rightarrow P$   
5:  $(B+E)/2 \rightarrow Q$   
6:  $(C+F)/2 \rightarrow R$   
7: Disp "MIDPOINT",P,Q,R  
8: Pause "THERE IS MORE"  
9:  $(P-A)^2 + (Q-B)^2 + (R-C)^2 \rightarrow M$   
10: Disp "R SQUARED",M,"OR, AS FRACTION",M $\blacktriangleright$ Frac  
11: Disp "R EQUALS", $\sqrt{M}$   
12: Stop
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