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[MUSIC PLAYING]

Pretend you've subdivided billiard balls into low, middle, and high numbers. To take a stratified random sample of the 15, this is what you do. Put all the low numbered balls in hat one. Put all the middle numbered balls in hat 2.

And finally, put all the high numbered balls in hat three. At that point, you'd randomly select two from each hat. The result would give you a stratified random sample of six billiard balls. You're guaranteed to have exactly two low numbers, exactly two middle numbers, and exactly two high numbers.

[MUSIC PLAYING]