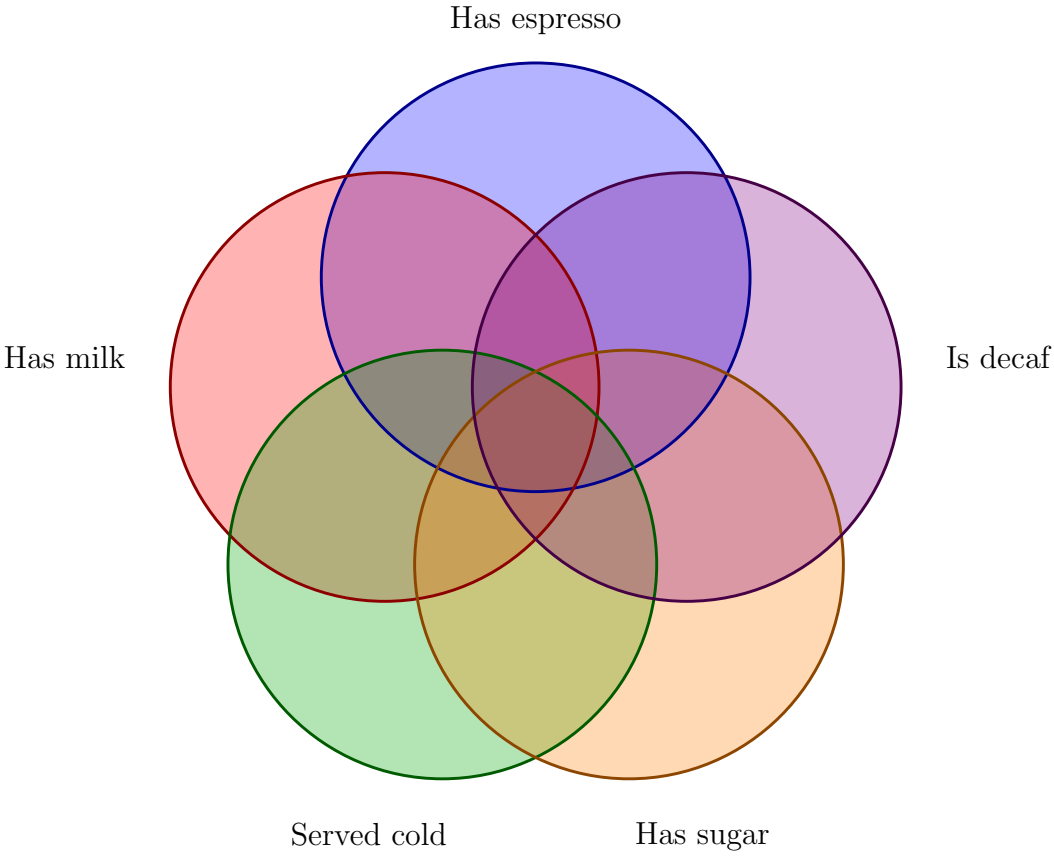


A complete five-set Venn diagram is impossible with circles.

Five circles yield at most 21 interior regions (22 including the exterior), not the required $2^5 - 1 = 31$. The arrangement above shows 21.