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GRE数学

5.4 集合

MAKE IT EASY

5.4.1韦恩图和集合

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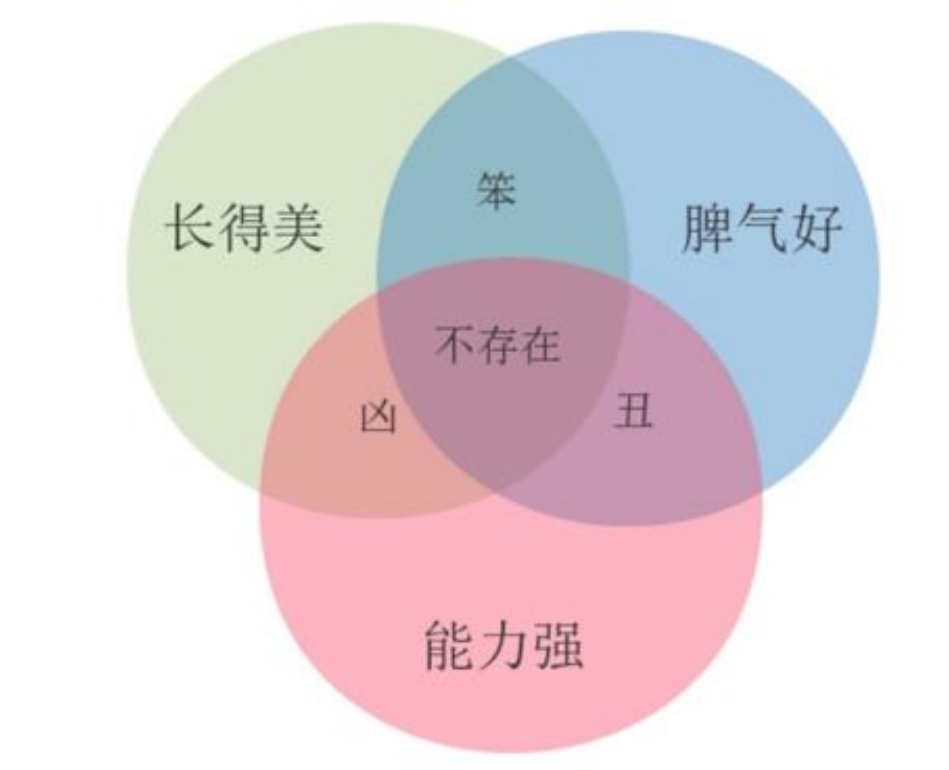
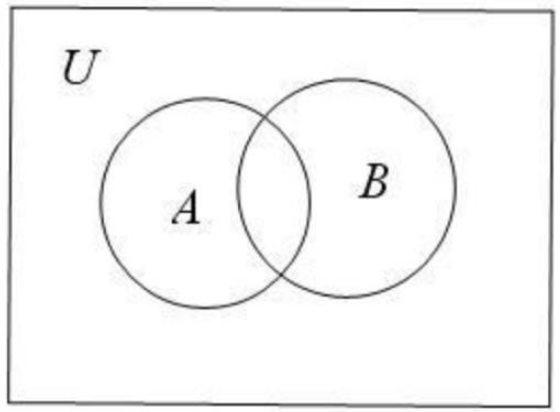
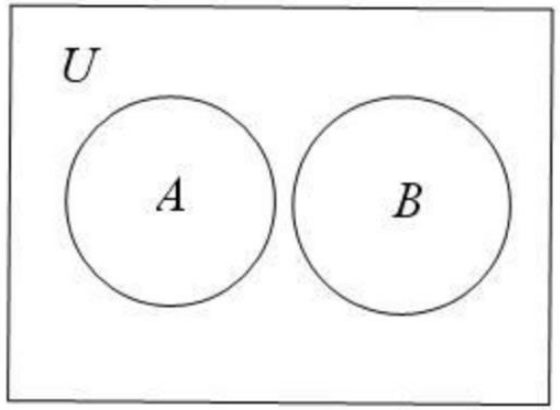


5.4.1韦恩图和集合



独立但不互斥

$P(A\cup B)=P(A)+P(B)-P(A\cap B)$



互斥

$P(A\cup B)=P(A)+P(B)$

5.4.2练习

1. A total of 40 tourists went on a trip. If 18 of the tourists visited site X, 18 visited site Y, and 8 visited both site X and site Y, how many visited neither site X nor site Y?

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2. In a class of 120 students, 60 percent can speak French and the rest can speak only English. If 25 percent of those in the class who can speak French can also speak English, how many of the students in the class can speak English?

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3. In a graduating class of 236 students, 142 took algebra and 121 took chemistry. What is the greatest number of students that could have taken both algebra and chemistry?

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Thanks

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