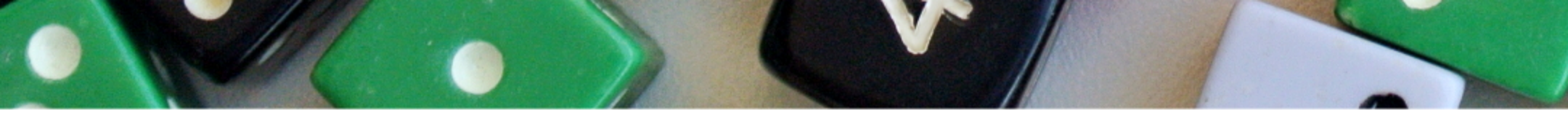

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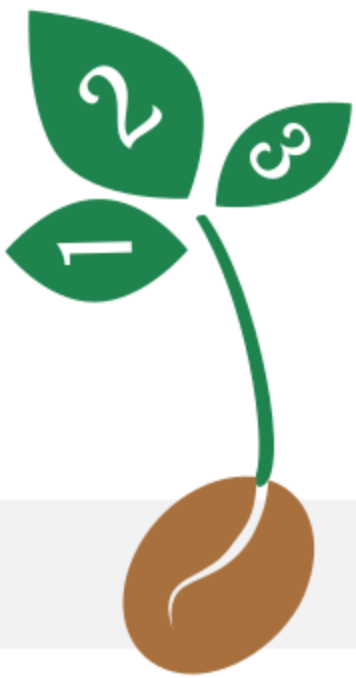
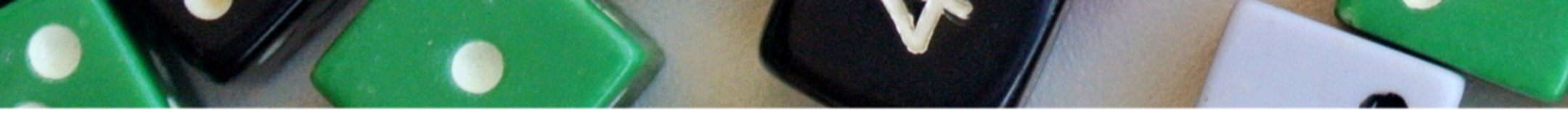
#10

Triângulos sobrepostos

- Observe os dois triângulos equiláteros abaixo





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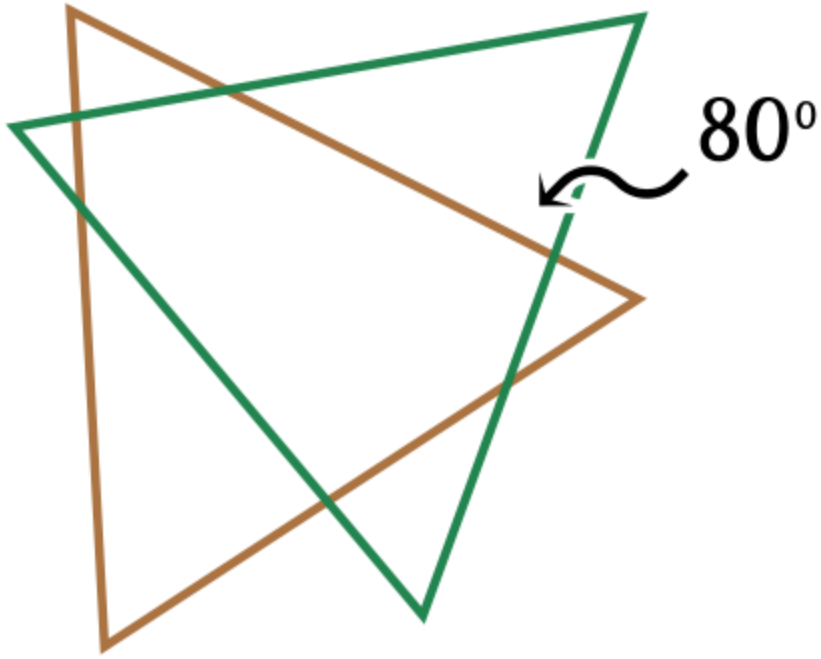
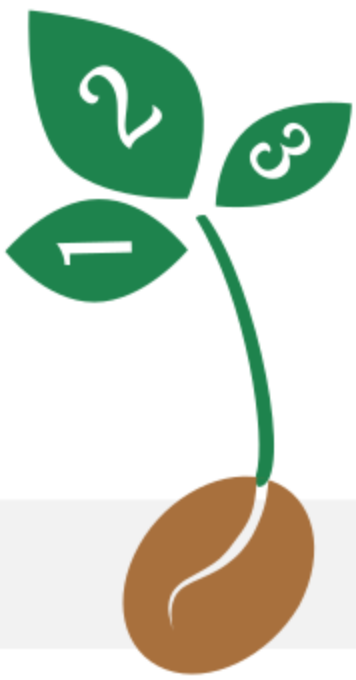
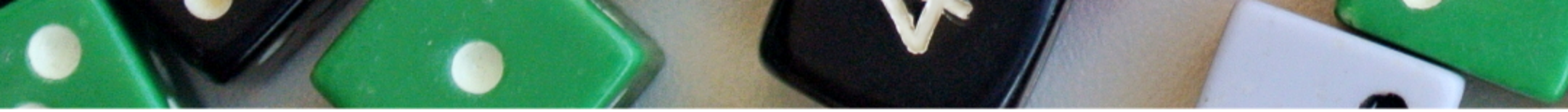
Triângulos sobrepostos

- Dada a medida do ângulo abaixo, calcule a medida de todos os outros ângulos na imagem







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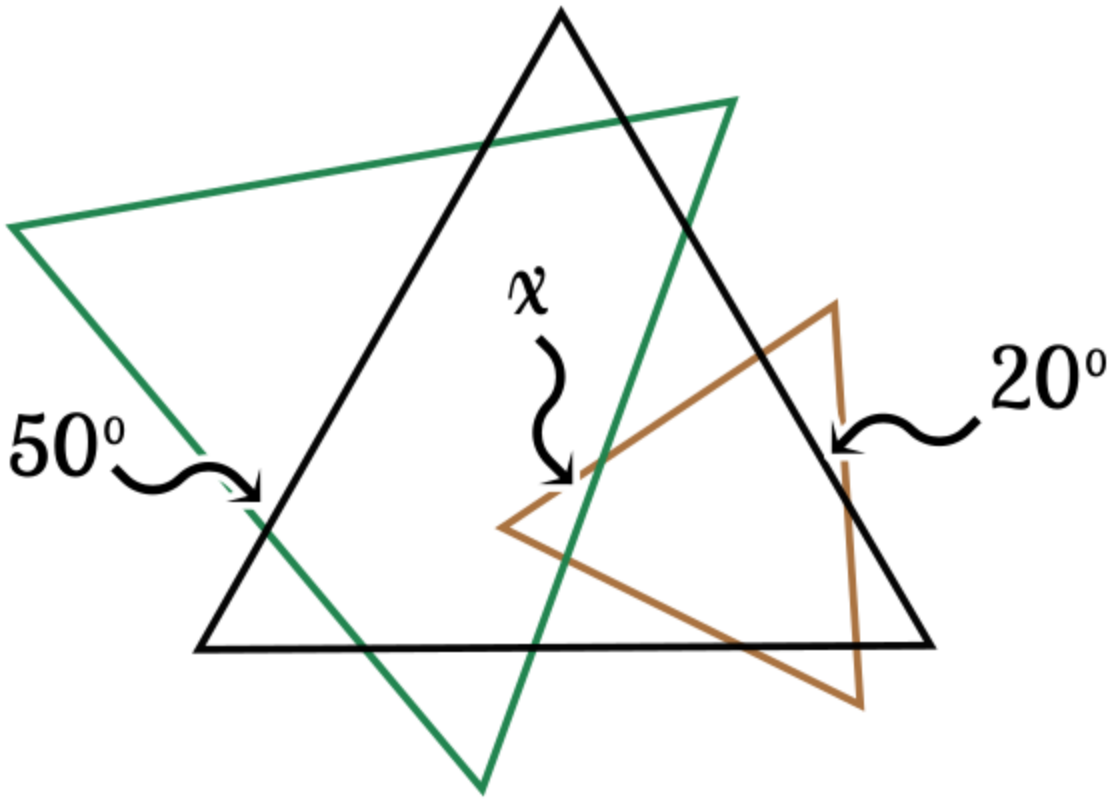
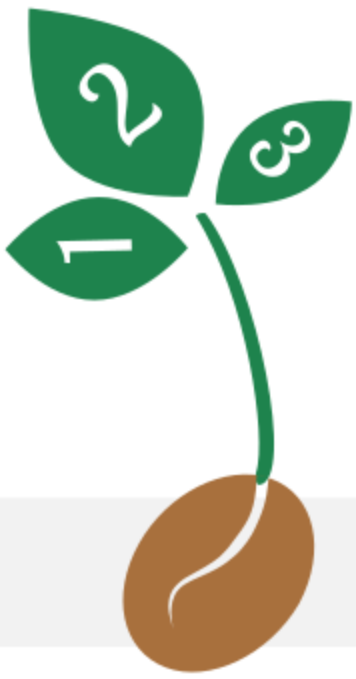
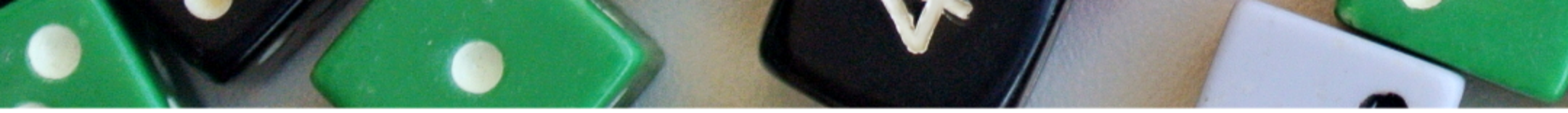
Triângulos sobrepostos

- Agora, com 3 triângulos equiláteros, encontre a medida do ângulo x







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Professor, essa atividade admite muitas variações que podem render investigações interessantes!

- **Discuta** quais propriedades de ângulos foram usadas nas resoluções
- **Crie** novos arranjos envolvendo 2 ou 3 retângulos ao invés de triângulos equiláteros
- **Crie** arranjos envolvendo um triângulo equilátero e um outro polígono regular qualquer

Fonte: www.mathematicaletudes.com