

Triangulation

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- Two-Ear Theorem

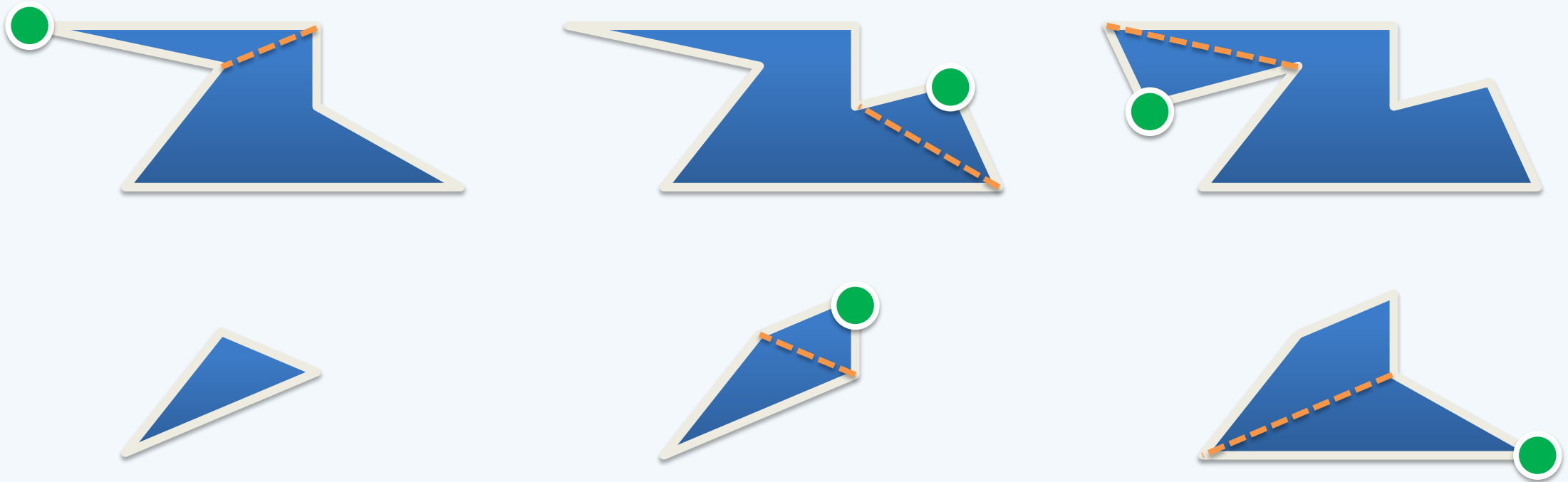
And when one head was cut off,
the place where it was severed
put forth two others; for this
reason it was considered to be
invincible.

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Ear-Cutting

❖ A polygon with an ear can always be reduced to a simpler one by ...



❖ Does every polygon ... has ... an ear?

G. H. Meisters, 1975

❖ Each non-trivial simple polygon has **two** ears

