

Dialog with Computer in the Proof of the Four-Color Theorem

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You've searched all cases, sage Machine,
List the largest set you've seen.
Yellow, red, blue, green.

O Computer, is it true?
Four Magic Markers will make do,
Green, yellow, red, blue?

*My terminal output sits there spread;
I'll say once more what I just said:
Blue, green, yellow, red.*

*So work your wetware till it's Jell-O,
Four's still enough; it's finished, Fellow:
Red, green, blue, yellow.*

Proof Without Words: Equilateral Triangle

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For an equilateral triangle, the sum of the distances from any interior point to the three sides equals the height of the triangle.

