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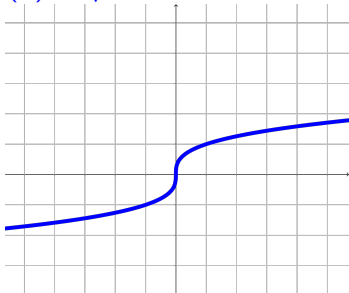
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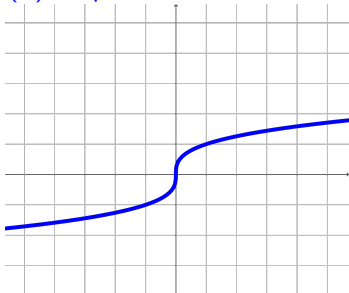
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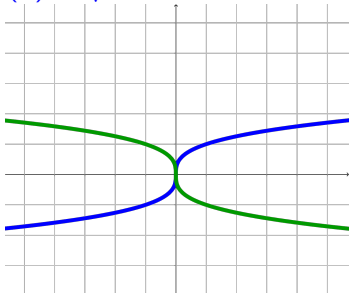
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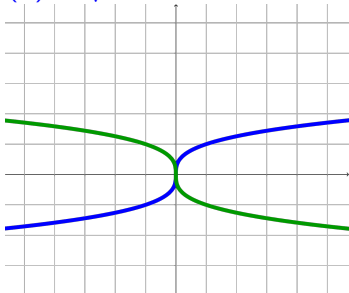
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This gives us a new graph, so $f(x) = \sqrt[3]{x}$ is not even.

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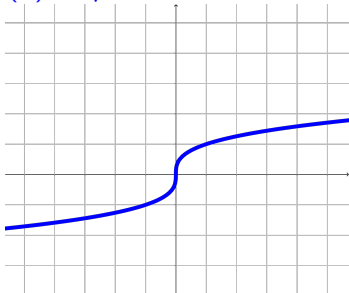
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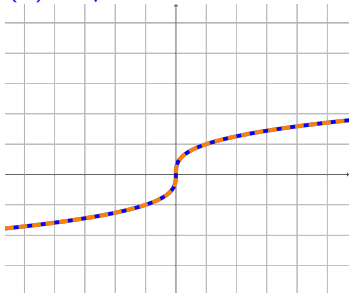
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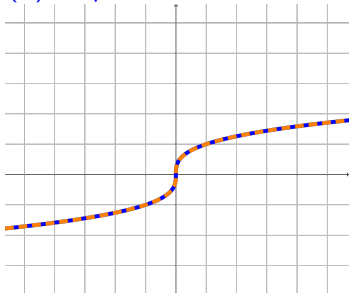
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Rotating around the origin leaves the graph unchanged!

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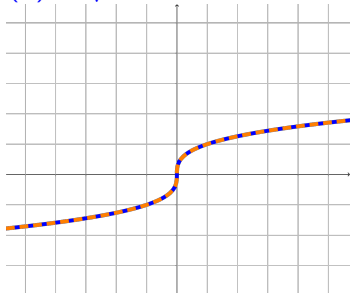
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So, $f(x) = \sqrt[3]{x}$ is an odd function.