The Hyperbola

June 5, 2014

Sketch of $y = \dfrac{1}{x}$

Transformations

Transformations
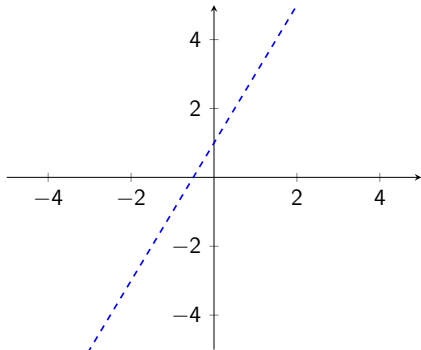
Transformations

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More generally:

- If $g(x) = f(x) + k$, the graph of $g(x)$ is the graph of $f(x)$, shifted up by k units.

- If $g(x) = f(x + k)$, the graph of $g(x)$ is the graph of $f(x)$, shifted left by k units.
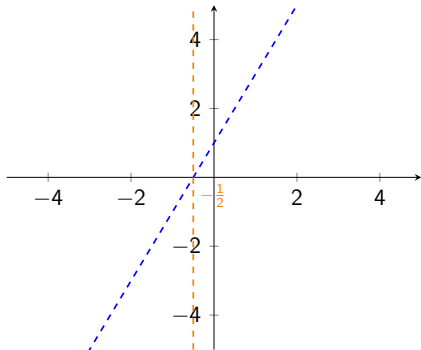
Example

Sketch $y = \dfrac{1}{2x+1}$.

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