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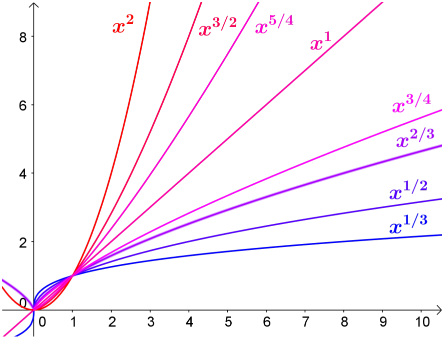

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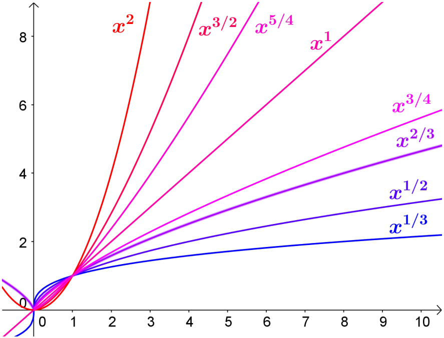

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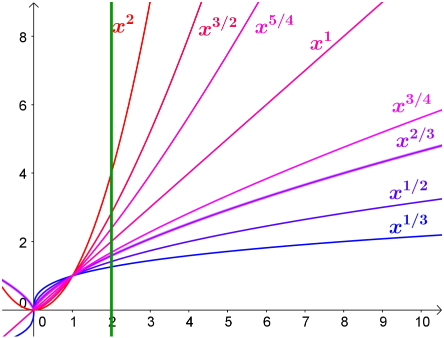

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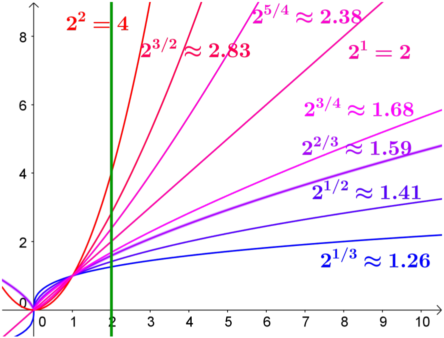

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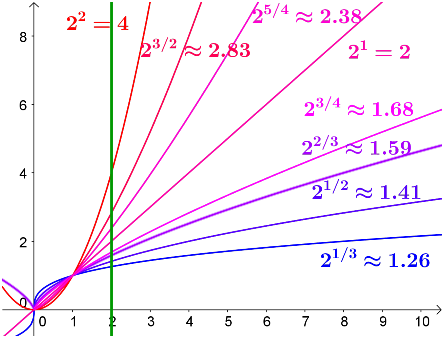

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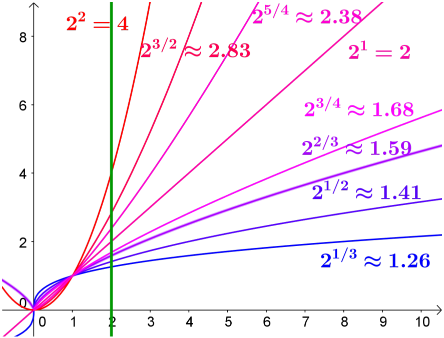

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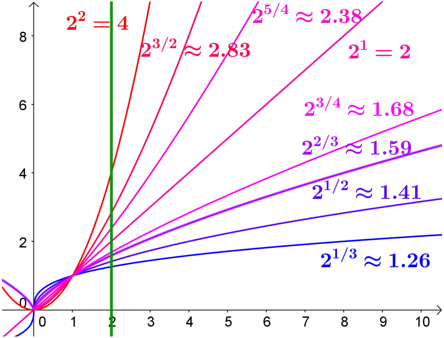

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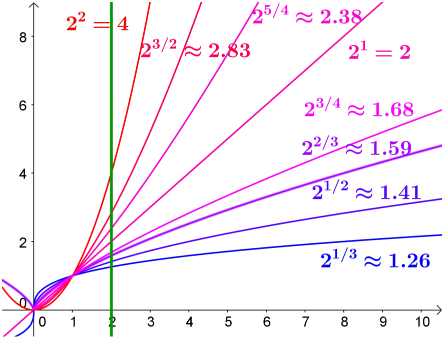

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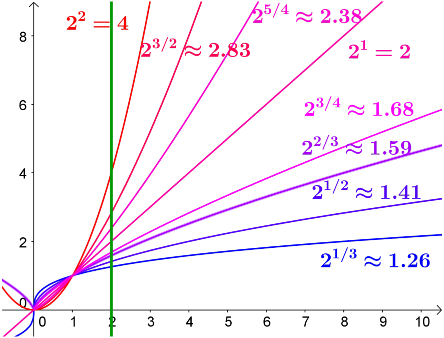

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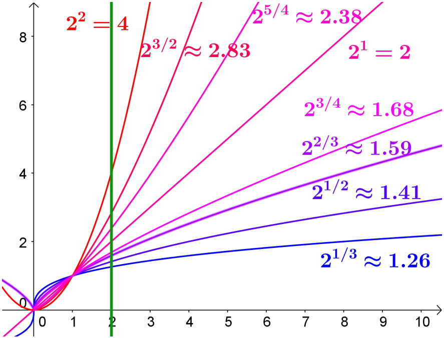

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Or, to use our usually variable: $y = 2^x$
This is a new type of function which has a variable in the exponent!
We call $y = 2^x$ an *Exponential Functions*