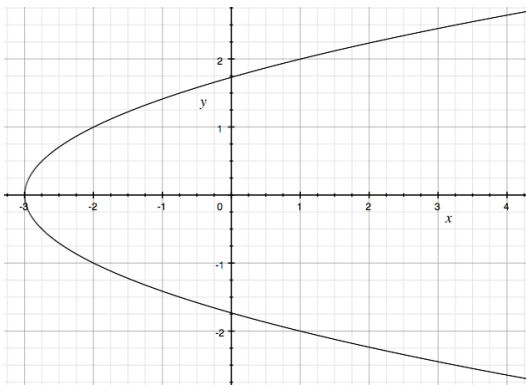


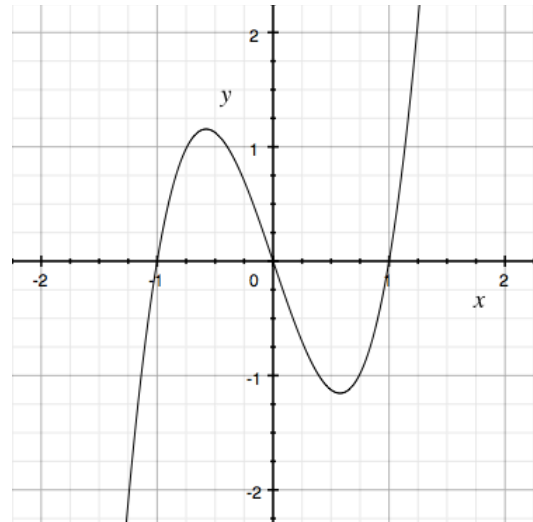
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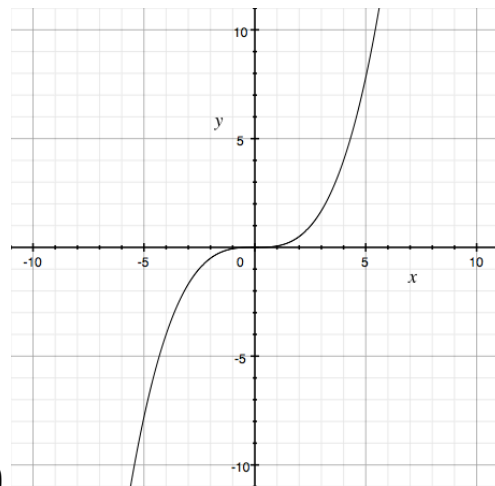
Def: f is a one-to-one function if



a)



b)



c)

1. Determine if $f(x) = 2x + 3$ is one-to-one.

2. Determine if $g(x) = x^2 + 2$ is one-to-one.

3. Determine if $h(x) = x^3 - 7$ is one-to-one.