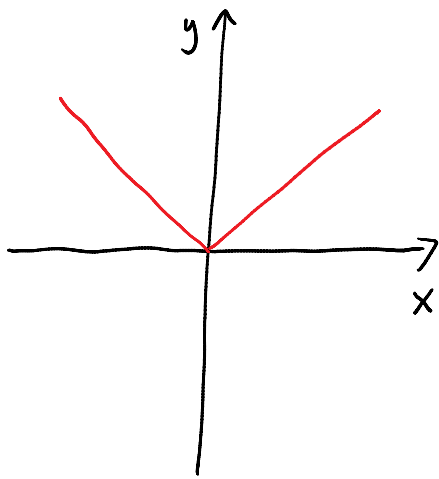


Section 2.4: Symmetry and Transformations

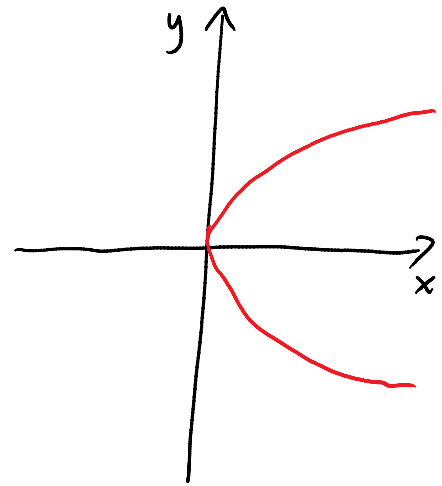
Monday, January 19, 2015
1:56 PM

Symmetry \equiv a regular, balanced arrangement on opposite sides of a line or around a centre/axis

types of symmetry:

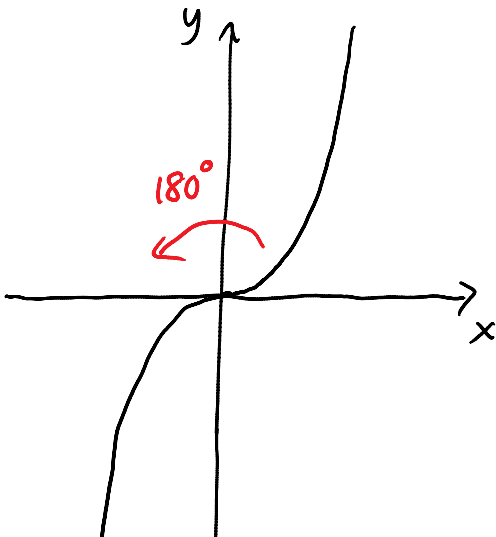


Symmetric wrt
y-axis

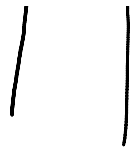


Symmetric wrt
x-axis

↑
"with respect to"

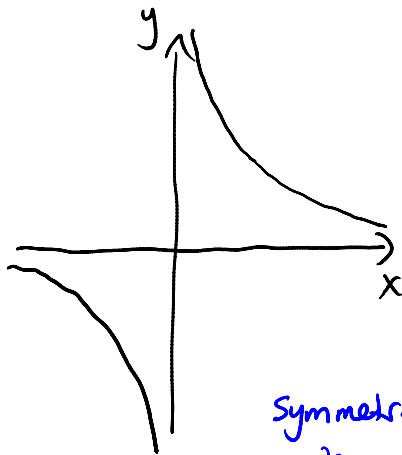


\equiv can flip about x-axis,
then y-axis

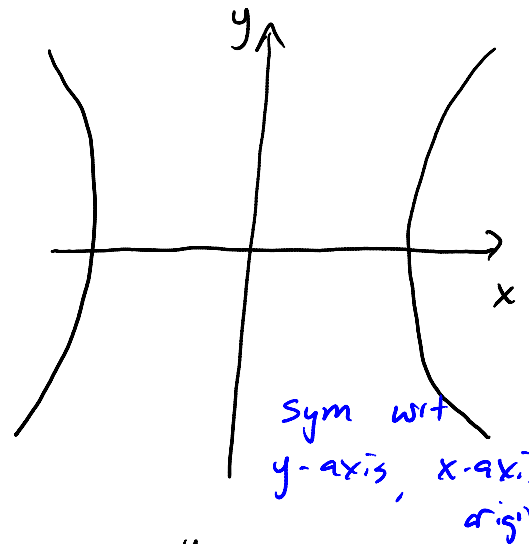


Symmetry wrt origin

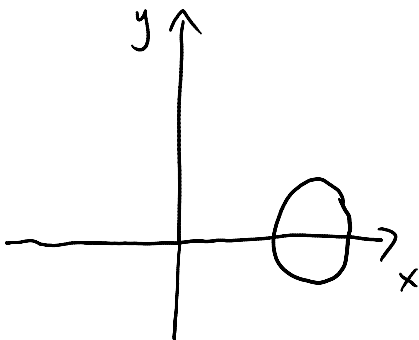
examples: give the type of symmetry, if any



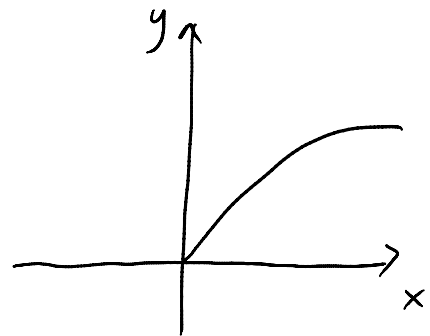
Symmetric
with origin



Sym wrt
y-axis, x-axis, &
origin



Sym
wrt
x-axis



none