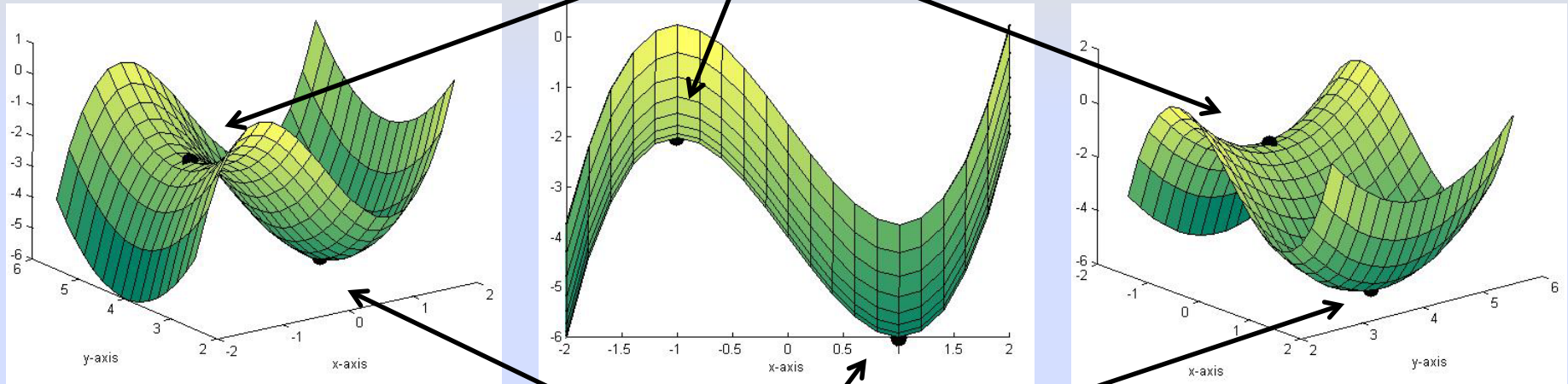


Find mins/maxs of
 $f(x,y) = x^3 + y^2 - 3x - 8y + 12$

Saddle point (i.e. “neither”) at
 $(-1, 4, -2)$



Min at
 $(1, 4, -6)$