**Transformer:**

* Saturation equation

Peak Flux Density

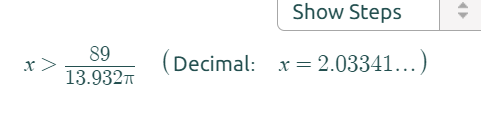
B = 200 mT

162 mm^2 = 0.000162 m^2

61V Peak

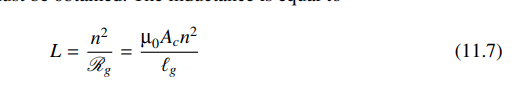


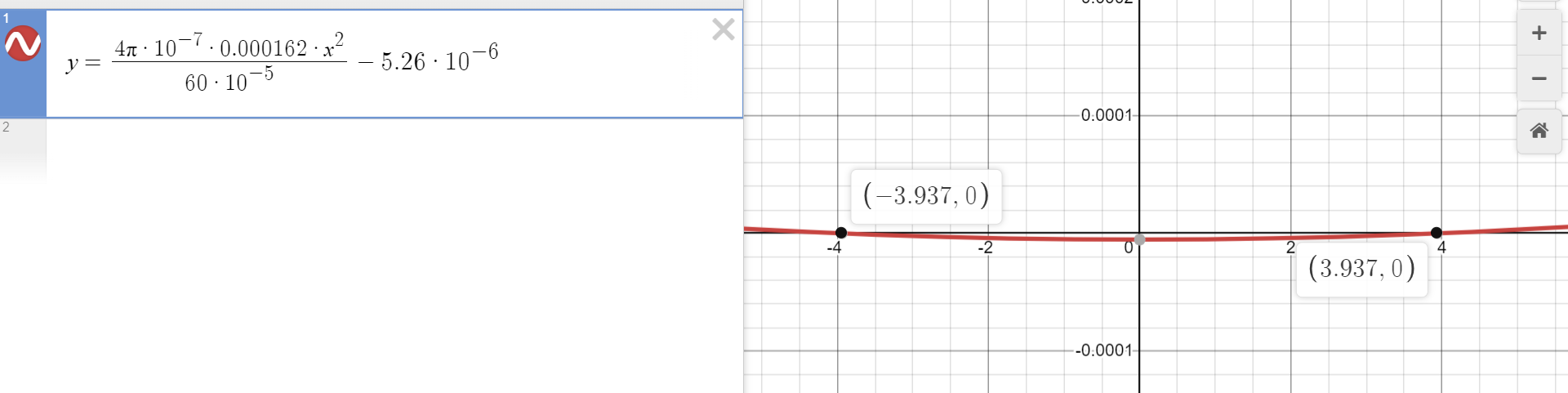
178V Peak



**Inductor:**

* Inductance equation





About 8 pieces of paper

4 turns appromximately

* Saturation equation