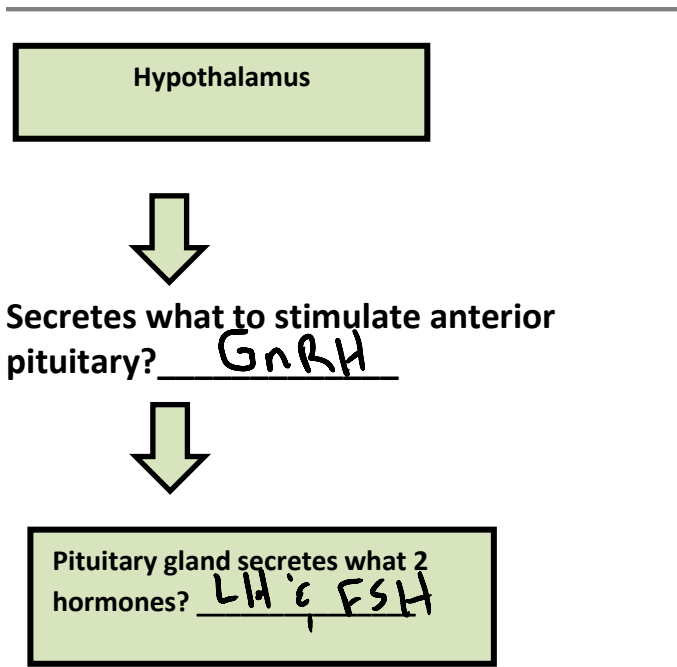


# Regulation of sex steroids and gametogenesis



Secretes what to stimulate anterior pituitary? GnRH

Pituitary gland secretes what 2 hormones? LH & FSH

which causes:

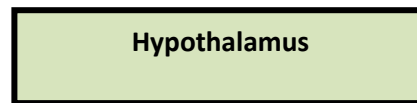
FSH causes sperm maturation what to happen to spermatogonia in seminiferous tubules?

LH causes testosterone what hormone to be produced by leydig cells of testes?

FSH causes egg maturation what to happen to oogonia in ovaries?

LH causes estrogen & ovulation what hormone(s) to be produced in ovaries?

Stimulus = testosterone, estrogen, or progesterone in blood is too high



What is inhibited? GnRH

which causes:

LH & FSH what to be inhibited in anterior pituitary?

egg maturation stops what to be inhibited in terms of oogenesis or spermatogenesis

sperm maturation stops what to be inhibited in terms of steroidogenesis?

none what happens with ovulation?

also ↓ endogenous estrogen or testosterone production