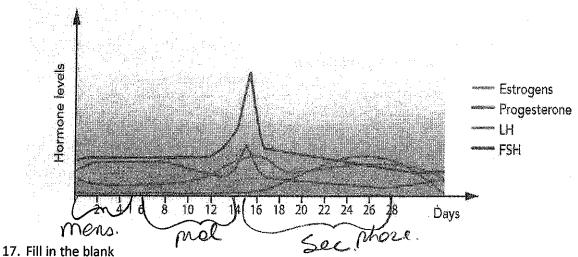
Puberty and cycles worksheet

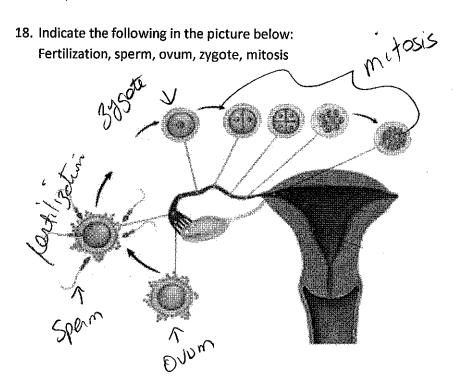
1. Define the following words:
a) Puberty: all the physical + psychological changes which occur in the body.
b) Hormones: <u>Chemicals</u> that cause changes
c) Glands: <u>Cells or organs that secrete horning</u>
d) Menstryal cycle: all the changes a fenale gos through due to
e) Ovum: yenale Sex cell
f) Oocyte: egg
g) Oogenesis: proces of oven heing produced by news
h) Ovulation: Oven released ento follopian hihe.
i) Follicle: <u>enmature egs</u> - ooyte
j) Corpus luteum: <u>Ne nainder</u> of fallicle - relanes honnus
k) Endometrium: <u>sterire leneng</u> where zygote emplants
1) Erection: Increase en Volume + regedity y poris
m) Ejaculation: <u>Nelegne</u> of <u>Senen</u> from perio
n) Pre ejaculation: release of seven before ejaculation
2. Match the letters with the possible choices. The choices can be used more than once.
a- Glands that both males and female have: pit o itary
b- Hormones that both male and female have: FSH >LA
c- Hormone that only males have: +estos terme
d- Hormones that only females have: <u>cotrojen t projesteme</u> e- Gland that only males have: <u>reotiles</u>
f- Gland that only females have:
Choices: estrogen, progesterone, FSH. LH, pituitary gland, testosterone, testicles and ovaries

3. Wh	nat are the female primary sexual characteristics? Manatural legule + Com
	natione the males primary sexual characteristic?
5. Giv	e 3 secondary characteristics for females heats, hips, fotty tessives
6. Giv	e 3 secondary characteristics for females <u>Nreats</u> , <u>hips</u> , <u>fotty tessies</u> e 3 secondary sexual characteristics for males <u>muscle mass</u> , <u>Voice change</u>
7. Ma a) Fo b) LH c) Pro d) FS e) Co	tch the word with its function. A) Causes ovulation B) Causes endometrium to thicken C) Causes follicle to develop C
·	rogen F) Causes LH to be secreted lain what happens during the following days of the menstrual cycle.
1-5	Menstrual shase
6-14	Proliferation phase
15-28	secreton share
1-13	an oocite is developing
14	ovulation
11-15	fertile period
9. Why	does a female get her period? <u>Endometrium</u> shedding, didn't get pregnan
	ain how an erection occurs: pois fills with blood.
	ain if a penis can ejaculate without being erect? <u>No, must he</u>
12. Why	are males able to father children in their 70's? <u>always moduue</u>
13. If the	e ovum only lives 12-24 hours, why is a female fertile for 72 hours? <u>Sperm</u>

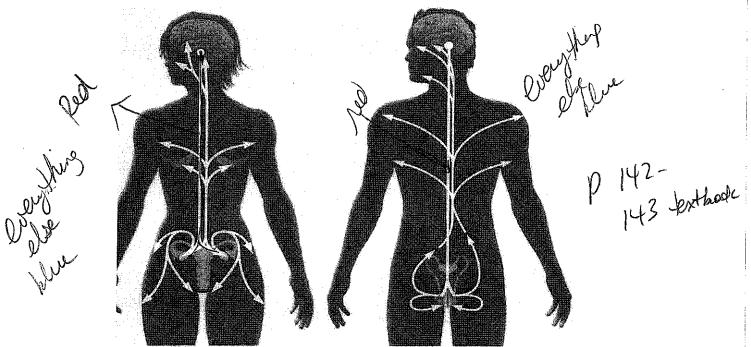
14 TLH

16. Look at the graph below. What day will ovulation occur? How do you know? Show the days which have the menstrual phase, the days which are the proliferation phase and the secretory phase days.





14. The effect of hormones responsible for puberty is indicated by arrows on these illustrations of a man and a woman. Colour the arrows representing the action of FSH and LH in in red. Colour the arrows representing the action of estrogen, progesterone and testosterone in blue.



15. Identify the following structures on the picture below: fallopian tube, endometrium, ovum, corpus luteum and follicle.

