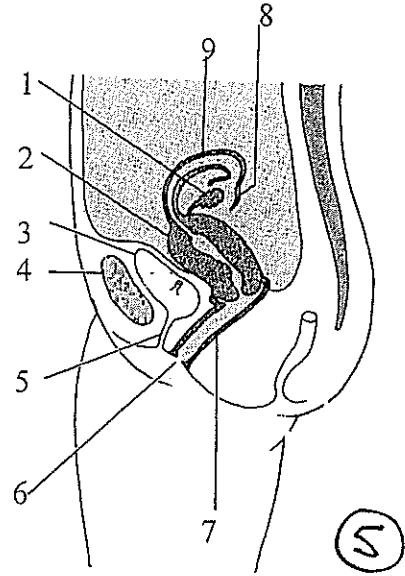


YEAR 10 TEST NEW GENERATIONS

NAME \_\_\_\_\_

1. Numbers are used to label the diagram of the female anatomy. Name the parts indicated by the numbers below.



1. ovary  
 2. uterus  
 5. urethra  
 7. vagina  
 9. fallopian tube oviduct.

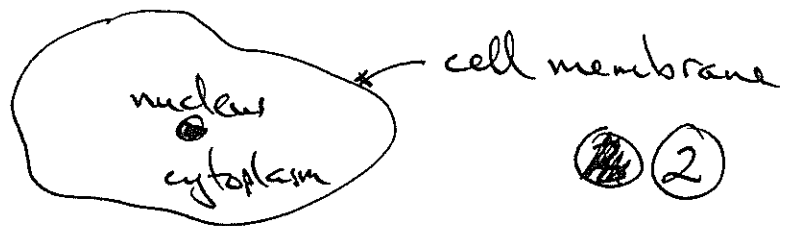
2. What are the two main differences between sexual and asexual reproduction?

sexual - two parents - variation  
asexual - one parent - same D.N.A (2)

3. Name two types of asexual reproduction and the organism that uses that form of reproduction.

budding - hydra, fission - amoeba  
regeneration - starfish (2)

4. Draw an animal cell and label the three main parts.



5. The tongue-rolling gene is dominant to the non tongue-rolling gene. Work out the phenotypic and genotypic ratios for a pure breed tongue-roller mated with a hybrid tongue-roller. Show all working.

genotype  
 50% TT (1)  
 50% Tt

	T	T
T	TT	TT
t	Tt	Tt

genotype ~~50% TT~~  
 phenotype ~~50% tongue roller~~  
 100% (1) tongue roller.