

Name:

Unit 1: Reproductive Hormones  
Development of Male and Female Sex Organs

1. When is the sex of an individual determined?
2. During the first weeks of development, it is impossible to tell whether the embryo is a boy or a girl. What is the term that we call the gonads at this stage?
3. If testosterone is present, what will the gonads develop into?
4. Which ducts will develop into the male genital ducts?
5. If testosterone is NOT present, what will the gonads develop into?
6. Which ducts will develop into the female genital ducts?
7. What happens to the other ducts that are not used?
8. What is the one gene on the Y chromosome that is NOT found on the X chromosome?
9. What is the main function of this gene?