

# Reproduction HW #1

Directions: Answer vocabulary on the ISN Page 89, and answer the questions on the space provided on this page. Be prepared for a quiz next class on this material and the lecture and diagrams thus far.

## Vocabulary:

Spermatogenesis	Oligospermia	spermatids	Interstitial Cells
Azoospermia	Bilateral Orchidectomy	cremaster muscle	
Sertoli Cells	Vasovasostomy	spermatocyte	

1. Meiosis is the process that generates male and female gametes. The final outcome of gametes is very different between males and females. Below, please verbalize the differences and similarities between spermatogenesis and oogenesis, then sketch a simple diagram that shows the different outcomes between each process.

2. The male reproductive system has 3 accessory organs, the **seminal vesicles**, **prostate gland**, and **bulbourethral gland**. Below, clarify how each of these accessory organs help in the support of sperm and reproduction in general.

3. a) Physiologically speaking, what internal processes are actually happening during a male erection? b) Which structures/chemicals in both the brain and the penis are involved in the erection? c) Why is the term “boner” a misnomer?

4. a) What is priapism? b) What causes it? c) How is it treated? d) What on earth is a death erection?