**Biology 0871 Worksheet on Nonvertebrate Chordates**

 **Chapter 30-1 p767-770**

The two groups of nonvertebrate chordates are **tunicates** and **lancelets**.

* Feeding

1. What type of feeding tunicates and lancelets use? \_\_\_filter feeding\_\_\_\_\_\_\_\_\_

* Respiration

2. True or false? Lancelets exchange gases through their body surface. True

* Circulation

3. Do lancelets have a open or closed circulatory system? \_\_closed\_\_\_\_\_\_

4. Do lancelets have a true heart? \_\_\_no\_\_\_

* Response

5. Do tunicates and lancelets have a well developed nervous system? \_\_\_no\_\_\_

* Movement

6. Tunicates and lancelets don’t have fins or legs. How do the lancelets move?

\_\_\_\_\_\_\_\_\_\_\_\_By contracting the paired muscles on their bodies.\_\_\_\_\_\_\_\_\_

* Reproduction

7. Point at the reproductive organs of the two nonvertebrate chordates.