

CHAPTER 14	Investigation 14.A: Examining Gonads and Gametes Answer Key	BLM 14.1.4A
ANSWER KEY		

Answers to Analysis Questions

1. The number of sperm cells observed will be far greater than the number of ova that are visible in the tissue specimens.
2. The sperm cell is much smaller than any visible ova. Calculate the size of the cells you observed based on field of view and magnification used.

Answer to Conclusion Question

3. The large quantity and tiny size of the sperm cells enable a large number of them to attempt to penetrate the protective membrane around the ovum at any one time. This increases the chances of the motile sperm fertilizing an ovum.