**Name: Period: Date:**

**Focus Questions for Chapter 40.3 (Thermoregulation) due Thursday, 9/26**

# Questions to answer as you watch the videos and/or read about thermoregulation. You will not be asked to turn these in, but Ms. Ransom may check to make sure you have completed them through a clicker quiz or short written response. You should be ready to discuss the answers during class.

1. Explain the difference between **endothermic** and **exothermic**. What types of animals are endotherms? Exotherms?
2. How do the terms *poikilotherm* and *homeotherm* relate to the terms *regulator*and *conformer* from chapter 40, section 2?
3. Explain why “cold-blooded” and “warm-blooded” should be avoided in scientific contexts.
4. For each characteristic given below, briefly explain how it helps maintain temperature:
   1. Insulation
   2. Circulatory Adaptations
   3. Evaporative Heat Loss
   4. Behavioral Responses
   5. Adjusting Metabolic Heat Production
5. Explain fever as a homeostatic response.

**Questions I have, that I plan to ask about in class:**