

Post-lecture questions for Introductory (PKU) lecture:

1. Sometimes students feel a little lost after the first lecture. One way to get "found" is to ask yourself questions about the lecture. Here are some of the types of questions you could ask yourself:

1. Is it necessary for living things to perform specific jobs to stay alive and healthy?
2. Approximately how many of these jobs do you (as a human) need to perform? Do you think all creatures must perform the same number of jobs?
3. What is PKU; how is it caused and treated, and what occurs if proper treatment is not delivered early in life?
4. What food groups/sources are relatively rich in phenylalanine, and therefore should be avoided by PKU patients?
5. What amino acid should PKU patients include in their diet in higher levels?
6. What is PAH? What rxn. (reaction) does it catalyze? What is an enzyme?
7. What do the following terms mean: genotype, phenotype, haploid, diploid?
8. What three biochemicals (linked by arrows) represent a major theme for this course?
9. What is a mutation, and how does that concept help us understand PKU better?

You will know you got something out of lecture when you can write down the answers to these questions.