Questions over Cellular Adaptations

1. What are the main differences between a physiological hyperplasia and a pathologic one? What cells do not have the ability to go through hyperplasia? Explain and give an example of each.
2. What are the main differences between a physiological hypertrophy and a pathologic one? Explain and give an example of each.
3. Why is it difficult to distinguish if the individual is going through a hyperplasia or a hypertrophy? What is needed to be able to identify which one is occurring?
4. What are the main differences between a physiological atrophy and a pathologic one? Explain and give an example of each.
5. What is metaplasia? What can cause this to occur? Give an example to verify your understanding.