

Name _____

http://www.pbs.org/wgbh/nova/cancer/grow_flash.html

Cancer Animation

1. Describe the form of cancer called carcinoma as well as the type and location of the tissues carcinoma affects.
2. Describe possible origins of a mutation.
3. When a mutation occurs that results in a cell and its descendants reproducing even though replacement cells are not needed is called (not in animation, we talked about this in class).
4. Describe the relationship between a mutation that results in a rapidly dividing cell and the likelihood of an additional mutation in the descendants of the original mutated cell.
5. Describe another dangerous outcome of a mutation other than causing a cell to reproduce more quickly and uncontrollably.
6. This example of a progression of carcinoma suggests that after a fourth mutation, cells have what dangerous ability.
7. Describe what is meant by angiogenesis.
8. Describe what is meant by a cell's ability metastasize and why this is so dangerous.