

Name \_\_\_\_\_

[http://highered.mcgraw-hill.com/sites/0072437316/student\\_view0/chapter20/animations.html#](http://highered.mcgraw-hill.com/sites/0072437316/student_view0/chapter20/animations.html#)

### Thymine dimmers: Formation and Repair

1. Describe the specific manner in which ultraviolet radiation can damage DNA.
2. Describe the steps required for “light repair”.
3. Describe the steps involved in dark repair or what we have referred to as “excision repair”. Make sure to use the name we have identified as the “excision enzyme”.