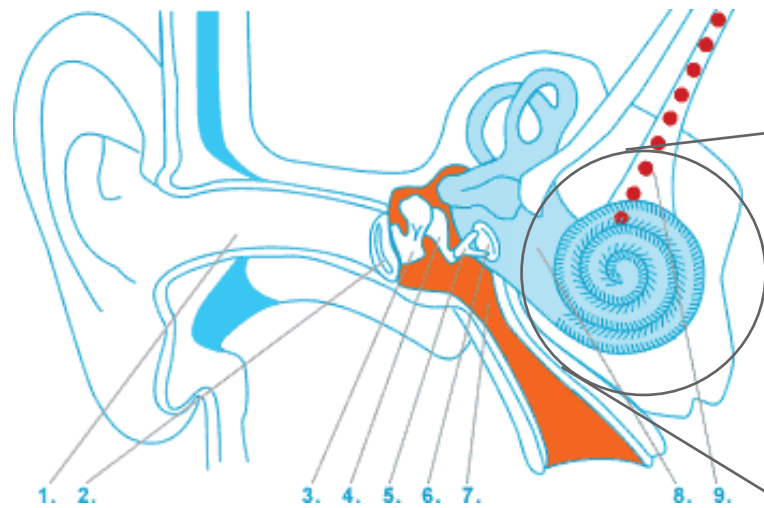


# how does hearing loss work?



- exposure to loud sounds weakens cochlear hair cells and causes them to essentially die off making it hard for the cochlea to translate impulses to the brain.
- this also leads to *tinnitus* a debilitating ringing in the ears.

hair cells

cochlea contains around 3,000 hair cells