Seashell Size

<u>Background:</u> Faber just gave Montag a listening device. Faber will be able to help Montag when talking to Beatty.

"She had both ears plugged with electronic bees that were humming the hour away." (P.18)

"He picked up a small green metal object no longer than a .22 bullet." (P.90)

The listening device Faber gives Montag is similar is a seashell radio. If Beatty finds out what Montag and Faber are planning he will burn their houses down and send them to jail. A .22 bullet is 88 mm long. An earbud, similar to a seashell, is 40 mm long. Montag does not want Beatty to see the listen device in his ear.

a.) How much longer is the listen device than the seashell radio?

b.) Should Montag risk wearing the listening device?