## TOPOLOGY 2, HOMEWORK 12

(1) Hatcher, Section $2.1 \# 3$
(2) Hatcher, Section 2.1 \#11
(3) Hatcher, Section 2.1 \#17
(4) Hatcher, Section 2.1 \#22
(5) Hatcher, Section 2.1 \#26
(6) Hatcher, Section 2.1 \#29

