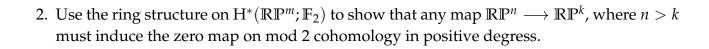
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ı.	Recall that the orientable surface M_g of genus g can be obtained by gluing together g tori
	to a sphere S^2 . Collapsing this sphere gives a quotient map $M_g \longrightarrow \bigvee_g T^2$. Use this and
	the ring structure on $H^*(T^2)$ to determine the ring structure on $H^*(M_g)$.



3. Compute the cohomology rings $H^*(K; \mathbb{Z})$ and $H^*(K; \mathbb{F}_2)$.