

Algebraic Topology — Feedback Exercise 5

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Question (1)

- a) One is circular, with pentagon inside. The other is a disgusting long chain.
- b) There will be 6 generators, isomorphic to F_6 .

Question (2)

- a) Part 1
- b) $H_0(X) \cong \mathbb{Z}^3$.
- c) $H_1(X) \cong \mathbb{Z}^3$.