Math 10460 - Honors Mathematics II
Homework 10a - Due Wednesday, April 6

You must show your work in all of the problems!!!

For the following topological spaces, group the together according to
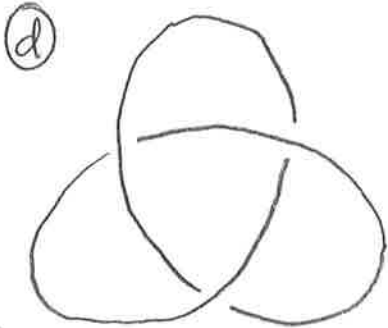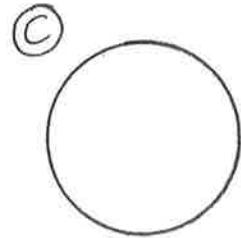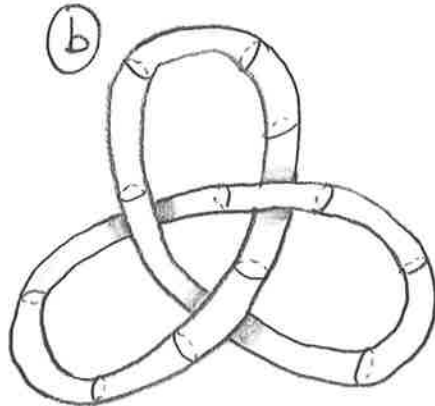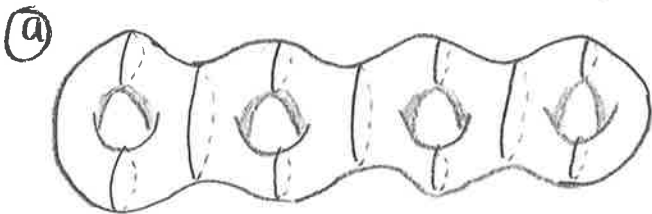
(1) Homeomorphic spaces.
(2) Ambiently isotopic spaces.
(3) Homotopy equivalent spaces.
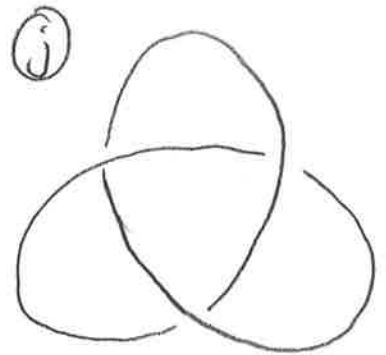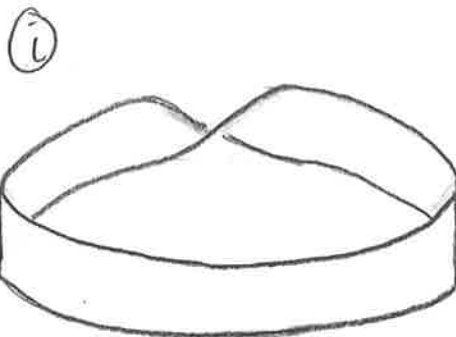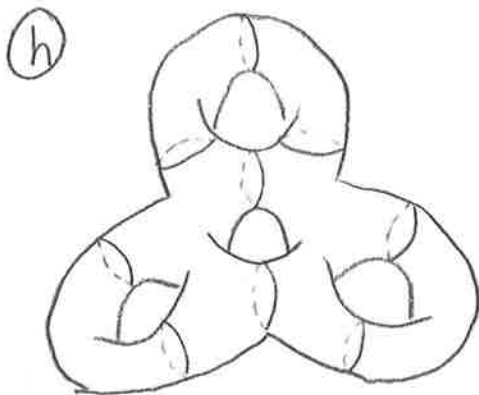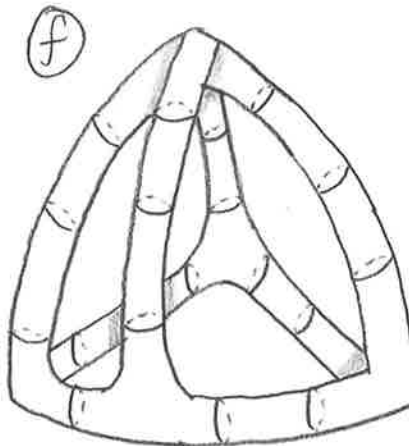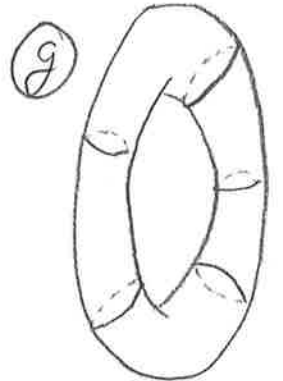
(4) For the 26 capital letters of the English language,

$$A\ B\ C\ D\ E\ F\ G\ H\ I\ J\ K\ L\ M\ N\ O\ P\ Q\ R\ S\ T\ U\ V\ W\ X\ Y\ Z$$

group them according to homotopy equivalence.

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