MATH 636 HOMEWORK 8
DUE MAY 21, 2021.

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(1) Hatcher 4.3.3 (p. 419).
(2) Hatcher 4.3.5 (p. 419).
(3) Hatcher 4.3.6 (p. 419). (I think the last sentence means “show that if $\mu'$ is another $H$-space multiplication on $K(G, n)$ then $\mu'$ is homotopic to $\mu$ as maps $K(G, n) \times K(G, n) \to K(G, n)$.”)
(4) Hatcher 4.3.10 (p. 419). (Note: I think writing this down and checking you have a well-defined action takes some work.)

Suggested review / qualifying exam practice (not to turn in):
(1) Hatcher 4.3.1, 4.3.4, 4.3.5, 4.3.7.

More problems to think about but not turn in:
(1) Hatcher 4.3.8, 4.3.9.

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