1. §7.2: 7, 8, 9, 10, 43.

2. §7.2: For all of problems 33-38, change the limits of integration to $-\pi$ and $\pi$. Then compute all the integrals using the new limits.

   NOTE: You can do them all without any antiderivatives.

   After you are done, see if you can deduce what feature of the problem causes a non-zero answer.


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Hints and Answers

8) 3; 10) $\pi/2$

2) 0, 0, $\pi$, 0, 0, 0.