This problem set focuses on the convolution sum and integral. Since we will be using convolution regularly in our study of LTI systems, it is very important that you take this opportunity to acquire a good understanding of this topic.

**Problem 2.21** in *Oppenheim/Willsky/Nawab*
Do parts a, c, and d.

**Problem 2.22** in *Oppenheim/Willsky/Nawab*
Do parts a, b, and c.

**Problem 2.23** in *Oppenheim/Willsky/Nawab*

**Problem 2.28** in *Oppenheim/Willsky/Nawab*
Do parts b, e, and f.

**Problem 2.29** in *Oppenheim/Willsky/Nawab*
Do parts a and e.

**Problem 2.44** in *Oppenheim/Willsky/Nawab*