1.) Finish the missing case of $c = 5$ for showing that $\mathbb{Z}[(1 + \sqrt{-19})/2]$ has a Dedekind-Hasse norm, of Dummit and Foote, p. 282. 

(You may skip this; the “fix” is in the errata for the text (and the argument is corrected in the international version of the text.)

2.) Dummit and Foote, p. 283 # 7. (Bezout domain)

3.) Dummit and Foote, p. 293 # 5. ($\mathbb{Z}[\sqrt{n}]$)

4.) Dummit and Foote, p. 293 # 8. (Ideals in $\mathbb{Z}[\sqrt{-5}]$)

5.) Dummit and Foote, p. 294 # 10. ($k$-stage Euclidean)

6.) Dummit and Foote, p. 306 # 1. ($\mathbb{Z}[2\sqrt{2}]$ not UFD)