Name:

Reading Questions

1. Find $\gcd(480, 126)$ using antanairesis as in the first paragraph on page 31.

2. Use the Division Algorithm and Lemma 1.27(i) to describe your work above more efficiently, as in the second paragraph on page 31.

3. Rewrite your work above in the notation of the proof of Theorem 1.29 as in the paragraph after the proof.

4. Find coefficients s and t expressing $\gcd(480, 126)$ as a linear combination of 480 and 126, as in the paragraph after the proof of Theorem 1.30.

5. Any comments? What questions do you have?