

- Due: Wednesday, March 1, 2017
- **SHOW ALL YOUR WORK!** No credit will be given for homework questions for which you give only an answer.
- Make sure that your work is neat, well-organized and readable.

**Quiz 3** will be given on Monday 27, 2017. This quiz will cover §2.2, 2.3 and 2.4.

**Reading:**

For Monday, February 27 and Wednesday, March 1: §2.5 and §2.6

**Problems to turn in:**

§2.4: 1, 2, 4, 5 and

6. Let  $d = (a, b)$  for non-zero integers  $a$  and  $b$  and assume  $12 = ax + by$  and  $8 = ar + bs$  for some integers  $x, y, r$  and  $s$ . What are all of the possible values for  $d$ ?