Homework 12, Section 2.7: 6(do only 1,...,6, do 7,...,12 for extra credit), 10(a,b) (trial and error may work)

Alex Gordon

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6.

1:1
2:7
3:9
4:10
5:8
6:11
7:2
8:5
9:3
10:4
11:6
12:12

10. A)

All $x \equiv_{15} 2$ will work in this situation.

10. B)

All $x \equiv_8 0$ will work in this situation.