

3. Homework

Due **Monday 9/27/04** before class

1. 1.7 (p. 94)

- (a) (2 points) 2 a,b
- (b) (1 point) 12 a
- (c) (1 point) 22 a

2. 1.8 (p. 108)

- (a) (3 points) 6 a,b,d
- (b) (4 points) Determine which of the functions in 12 a,b,c,d are one-to-one, onto, or both. Justify your answers.
- (c) (4 points) 16 a,b,c,d
- (d) (2 points) 28
- (e) (2 points) 34 a,b
- (f) (2 points) 42

3. 2.1 (p. 130)

For both exercises below, give steps 1 – 5 to describe the algorithm.

- (a) (5 points) 4
- (b) (5 points) 5